



R.E.C.
The New Connector Company



RMS CONNECTORS

MIL-C-5015G QUALIFIED TYPE
POWER AND SIGNAL THREADED CONNECTORS FOR
RUGGED MILITARY AND INDUSTRIAL APPLICATIONS

MAY 2015

INDEX

RMS Connectors Catalogue INDEX	pag. 1
Introducing RMS Connectors	pag. 2
Technical Data	pag. 3
Crimp Contacts	pag. 4
Connector Style and Classes	pag. 5
HOW TO ORDER	pag. 6
Insert Arrangements Tables	pag. 7
Insert Arrangements Drawings	
Front View of Pin Inserts	pag. 10
RMS Connectors	
- Style 100: Wall Mounting Receptacle	pag. 31
- Style 101: In-Line Receptacle	pag. 33
- Style 102: Box Mounting Receptacle	pag. 35
- Style 106: Straight Plug	pag. 36
- Style 108: 90° Plug	pag. 39
RMS Connector Accessories	
- Backshells for plug connectors	pag. 41
- Cable clamps	pag. 43
- Neoprene Sleeves	pag. 44
- Connector Threaded Caps	pag. 45
- Protective plastic cap	pag. 46
- Gasket for fixed connectors	pag. 46





RMS Connector Series

Introducing RMS Connector Series

R.E.C. is a leader company in electronic and electromechanical field operating in Italy since 1983 and it is specialized mainly in the interconnection domain, R.E.C. represents in Italy multinational companies both European and Overseas specialized in the production of interconnections systems. Firms with a turnover accounting over 700 millions \$ which R.E.C. handles in Italy about € 10 millions.

The Company realizes its own production in two separate factories in Milan and Turin employing about 35 people. Concerning sales organization R.E.C. operates directly with its technical and marketing staff in Milan, Rome, Bologna, Genova and Turin and through agent in the rest of Italy. In Europe R.E.C. has correspondence in Switzerland, Germany, England and France. In the US R.E.C. operates with its own organization in Miami, New York and Las Vegas both selling its own production and also recovering a fast service on electronic components in the American market.

RMS connectors are designed to be compatible and intermateable with MIL-C-5015 connectors.

These threaded circular connectors are used in a wide range of electric and electronic equipment where reliability and environmental protection are required. Threaded RMS series connectors are designed according to MIL-C-5015 specification and comply with all its requirements of performance, reliability and interchangeability with products of other manufacturers.

Specially designed for military applications, nowadays are widely used also in the industry where strength, reliability and high availability in other countries is essential. A wide range of accessories allows to use these connectors in any environment, while a high number of contact arrangements covers every need of the customer.

These connectors may mount crimp or solder copper alloy contacts with silver or gold plating and also thermocouple contacts. RMS connectors series is the best solution for a high number of applications in various areas. Please contact our sales department for any application requirement.



Technical Data

Material and Surface Treatment

COMPONENT	MATERIAL	RoHS COMPLIANT PLATING
Shell	Aluminum / Stainless Steel / Marine Bronze available	Dark Green Plating, Black Plating, Nickel Plating
Insulator	Rubber	Synthetic Rubber
Contact	Copper Alloy	Silver Plating / Gold Plating

Mechanical Characteristics

MECHANICAL CHARACTERISTICS	VALUES
Insulation	5.000 MOhm min. at 25°C
Temperature Range	-55°C to 125°C
Durability	500 Cycle Connection / Disconnection

Dielectric Withstanding Voltage

SERVICE RATING	TEST VOLTAGE Vac (rms)	OPERATING VOLTAGE AC (V)	OPERATING VOLTAGE DC (V)
Inst.	1.000	2.200	250
A	2.000	500	700
D	2.800	900	1.250
E	3.500	1.250	1.750
B	4.500	1.750	2.450
C	7.000	3.000	4.200

Contact Rating

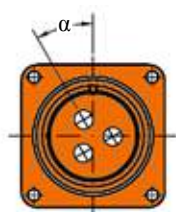
CONTACT SIZE	RATED CURRENT (A)		MAX CONTACT RESISTANCE (milliohms)
	20°	80°	
# 20	7.5	7.5	12.0
# 18	10.0	7.5	12.0
# 16	22.0	13.0	6.0
# 12	41.0	23.0	3.0
# 8	73.0	46.0	1.0
# 4	135.0	80.0	0.5
# 0	245.0	150.0	0.3
# 4/0	350.0	225.0	0.2

Insert Arrangements Alternate Positions

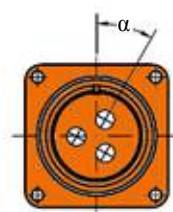
Normal Position



Alternate Position with Pin Contacts

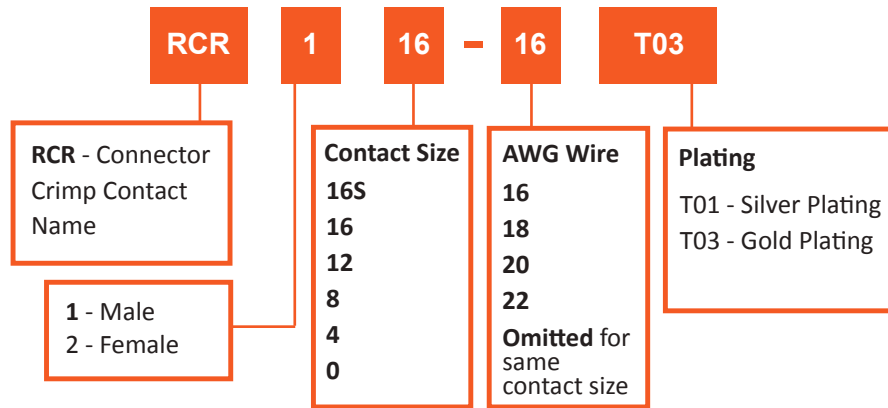


Alternate Position with Socket Contacts



Crimp Contacts

RCR connector contacts are machined from copper alloys and silver plated for maximum corrosion resistance, with a minimum millivolt drop and a maximum current carrying capacity; the size 16 and 12 socket contacts are of the closed entry design. Gold plated contacts are also available.

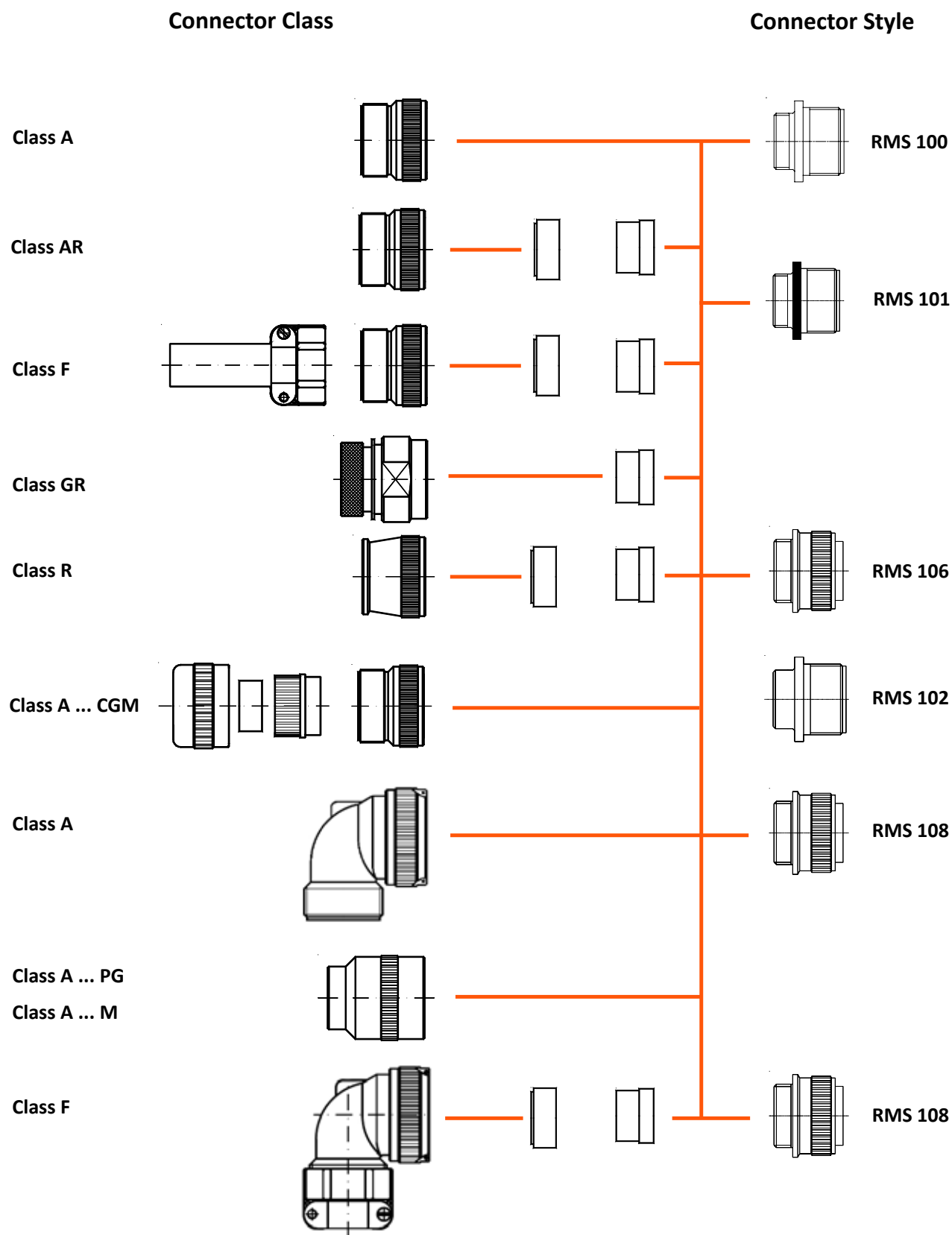


CRIMP CONTACT PART NUMBER	PIN / SOCKET	MATING END SIZE	WIRE BARREL SIZE	ALLOWABLE WIRE SIZE	TEST CURRENT AMPS
RCR-1-16S-XX-TXX	Pin	16 Short	16	16/18/60/22	13/10/7.5/5
RCR-2-16S-XX-TXX	Socket	16 Short	16	16/18/60/22	13/10/7.5/5
RCR-1-16-XX-TXX	Pin	16 Long	16	16/18/60/22	13/10/7.5/5
RCR-2-16-XX-TXX	Socket	16 Long	16	16/18/60/22	13/10/7.5/5
RCR-1-12-XX-TXX	Pin	12	12	12/14	23/17
RCR-2-12-XX-TXX	Socket	12	12	12/14	23/17
RCR-1-8-XX-TXX	Pin	8	8	8/10	46/33
RCR-2-8-XX-TXX	Socket	8	8	8/10	46/33
RCR-1-4-XX-TXX	Pin	4	4	4/6	80/60
RCR-2-4-XX-TXX	Socket	4	4	4/6	80/60
RCR-1-0-XX-TXX	Pin	0	0	0/1/2	150/125
RCR-2-0-XX-TXX	Socket	0	0	0/1/2	150/125

DEVIATIONS

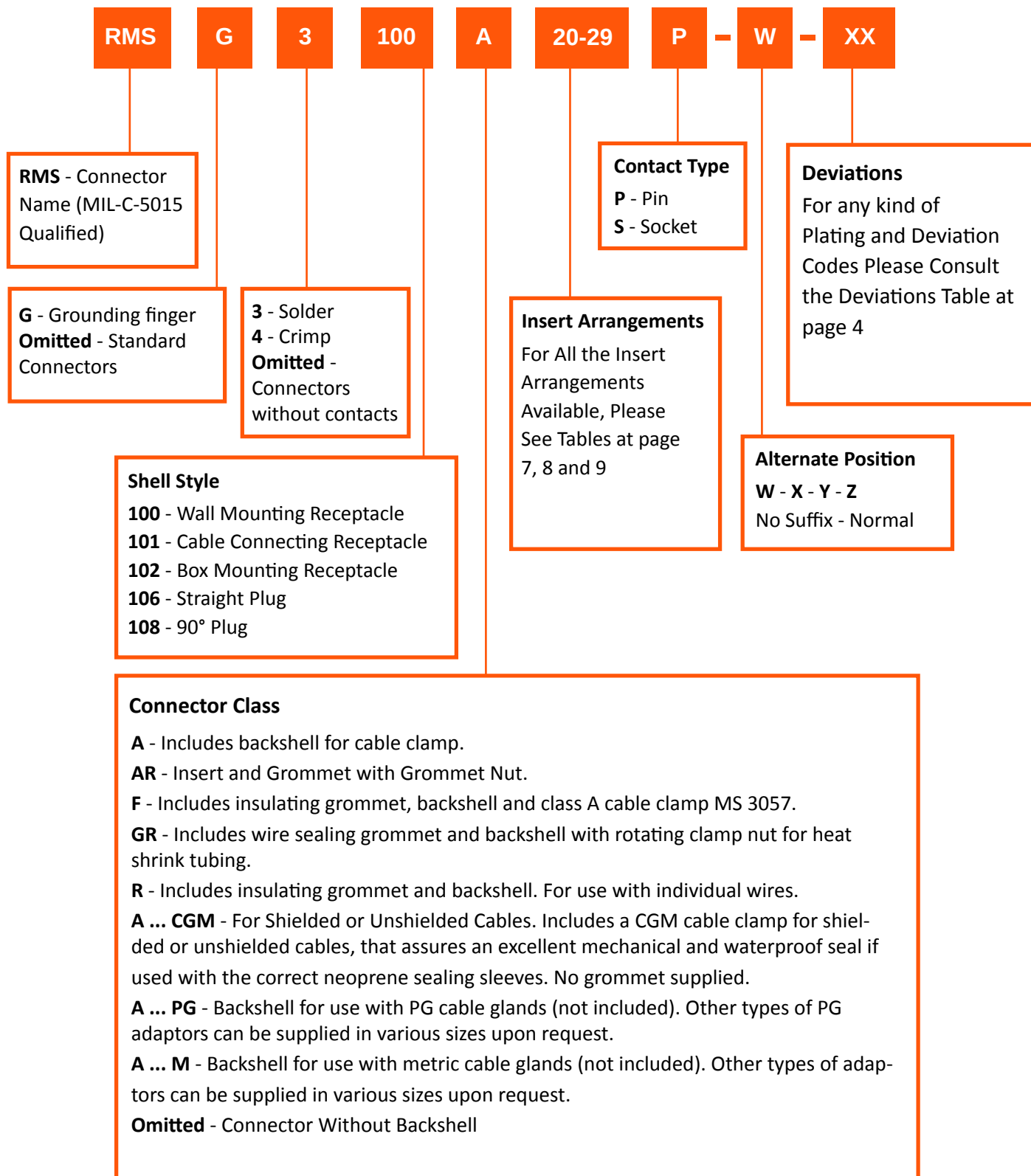
IDENTIFICATION PART NUMBER	PLATING AND CONTACT DESCRIPTION
04	Arctic Coupling Nut
Y	PCB Contact Termination
22	Cadmium Free Zinc-Cobalt Plating Olive Drab finish
23	Electrolytic Nickel Plated Hardware - RoHS Compliant
24	Cadmium Free Zinc-Cobalt Plating Black Finish - RoHS Compliant

Connector Style and Classes



For different or custom Class / Style, please contact the factory.

HOW TO ORDER



For different or custom Class / Style, please contact the factory.

Insert Arrangements

INSERT ARRANGEMENT	SERVICE RATING	CONTACT NUMBER	CONTACT SIZE					ALTERNATE POSITION - DEGREE			
			0	4	8	12	16	W	X	Y	Z
10SL-3	A	3					3				
10SL-4	A	2					2				
12S-3	A	2					2	70	145	215	290
12-5	D	1				1					
14S-1	A	3					3	90	180	270	
14S-2	Inst.	4					4		120	240	
14S-5	Inst.	5					5		110		
14S-6	Inst.	6					6				
14S-7	A	3					3	90	180	270	
14S-9	A	2					2	70	145	215	290
14S-07	I	7					7				
16S-1	A	7					7	80			280
16S-3	B	1					1				
16S-4	D	2					2	35	110	250	325
16S-5	A	3					3	70	145	215	290
16S-6	A	3					3	90	180	270	
16S-8	A	5					5		170	265	
16-2	E	1				1					
16-7	A	3			1		2	80	110	250	320
16-9	A	4				2	2	35	110	250	325
16-10	A	3				3		90	180	270	
16-11	A	2				2		35	110	250	325
16-12	A	1		1							
18-1	A / Inst.	10					10	70	145	215	290
18-3	D	2				2		35	110	250	325
18-4	D	4					4	35	110	250	325
18-5	D	3				2	1	80	110	250	280
18-6	D	1		1							
18-7	B	1			1						
18-8	A	8				1	7	70			290
18-9	Inst.	7				2	5	80	110	250	280
18-10	A	4				4			120	240	
18-11	A	5				5			170	200	
18-12	A	6					6	80			280
18-13	A	4			1	3		80	110	250	280
18-14	A	2		1			1	80	110	250	280
18-16	C	1				1					
18-19	A	10					10		120	240	
18-22	D	3					3	70	145	215	290
20-2	D	1	1								
20-3	D	3				3		70	145	215	290
20-4	D	4				4		45	110	250	
20-7	D / A	8					8	80	110	250	280
20-8	Inst.	6			2		4	80	110	250	280

* For all non-standard insert arrangements, please contact the factory

Insert Arrangements

INSERT ARRANGEMENT	SERVICE RATING	CONTACT NUMBER	CONTACT SIZE					ALTERNATE POSITION - DEGREE			
			0	4	8	12	16	W	X	Y	Z
20-9	D / A	8				1	7	80	110	250	280
20-14	A	5			2	3		80	110	250	280
20-15	A	7				7		80			280
20-16	A	9				2	7	80	110	250	280
20-17	A	6				5	1	90	180	270	
20-18	A	9				3	6	35	110	250	325
20-19	A	3				3		90	180	270	
20-20	A	4		1		3					
20-21	A	9				1	8	35	110	250	325
20-22	A	6			3		3	80	110	250	280
20-23	A	2			2			35	110	250	325
20-24	A	4			2		2	35	110	250	325
20-27	A	14					14	35	110	250	325
20-29	A	17					17	80			280
20-33	A	11					11				
22-1	D	2			2			35	110	250	325
22-2	D	3			3			70	145	215	290
22-4	A	4			2	2		35	110	250	325
22-5	D	6				2	4	35	110	250	325
22-6	D	3			2		1				
22-7	E	1	1								
22-9	E	3				3		70	145	215	290
22-10	E	4					4	35	110	250	325
22-11	B	2					2	35	110	250	325
22-12	D	5			2		3	80	110	250	280
22-13	D / A	5				4	1	35	110	250	325
22-14	A	19					19	80			280
22-15	E / A	6				5	1	80	110	250	280
22-17	D / A	9				1	8	80	110	250	280
22-18	D / A	8					8	80	110	250	280
22-19	A	14					14	80	110	250	280
22-20	A	9					9	35	110	250	325
22-21	A	3	1				2	80	110	250	280
22-22	A	4			4				110	250	
22-23	D / A	8				8		35		250	
22-27	D / A	9			1		8	80		250	280
22-28	A	7				7		80			280
24-2	D	7				7		80			280
24-4	D	4	1				3	80	110	250	280
24-5	A	16					16	80	110	250	280
24-6	D / A	8				8		80	110	250	280
24-7	A	16				2	14	80	110	250	280
24-10	A	7			7			80			280
24-11	A	9			3	6		35	110	250	325

* For all non-standard insert arrangements, please contact the factory

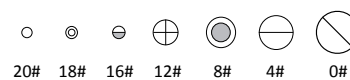
Insert Arrangements

INSERT ARRANGEMENT	SERVICE RATING	CONTACT NUMBER	CONTACT SIZE					ALTERNATE POSITION - DEGREE			
			0	4	8	12	16	W	X	Y	Z
24-12	A	5		2		3		80	110	250	280
24-16	D / A	7			1	3	3	80	110	250	280
24-20	D	11				2	9	80	110	250	280
24-21	D	10			1		9	80	110	250	280
24-22	D	4			4			45	110	250	
24-27	E	7					7	80			280
24-28	Inst.	24					24	80	110	250	280
28-1	D / A	9			3	6		80	110	250	280
28-2	D	14				2	12	35	110	250	325
28-3	D	3			3			70	145	215	290
28-4	E / D	9				2	7	80	110	250	280
28-5	D	5		2		1	2	35	110	250	325
28-7	D	2		2				35	110	250	325
28-8	E / D / A	12				2	10	80	110	250	280
28-9	D	12				6	6	80	110	250	280
28-10	D / A	7		2	2	3		80	110	250	280
28-11	A	22				4	18	80	110	250	280
28-12	A	26					26	90	180	270	
28-15	A	35					35	80	110	250	280
28-16	A	20					20	80	110	250	280
28-17	B / D / A	15					15	80	110	250	280
28-18	C/D/A/Inst	12					12	70	145	215	290
28-19	B / D / A	10				4	6	80	110	250	280
28-20	A	14				10	4	80	110	250	280
28-21	A	37					37	80	110	250	280
28-22	D	6		3			3	70	145	215	290
28-51	D	12				12		80	135	195	
32-1	E	5	2			3		80	110	250	280
32-5	D	2	2					35	110	250	325
32-6	A	23		2	3	2	16	80	110	250	280
32-7	Inst.	35				7	28	80	125	235	280
32-8	A	30				6	24	80	125	235	280
32-9	D	14		2				80	110	250	280
32-10	A	7		2	2		3	80	110	250	280
32-15	D	8	2			6		35	110	250	280
32-17	D	4		4				45	110	250	
36-3	D	6	3			3		70	145	215	290
36-7	A	47				7	40	80	110	250	280
36-9	A	31		1	2	14	14	80	125	235	280
36-10	A	48					48	80	125	235	280
40-56	A	31					85	80	125	235	280
40-63	A	48					61	80	125	235	280

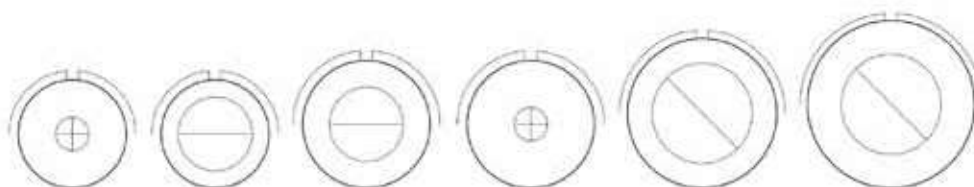
* For all non-standard insert arrangements, please contact the factory

Front View of Pin Inserts

Contact Size Legend

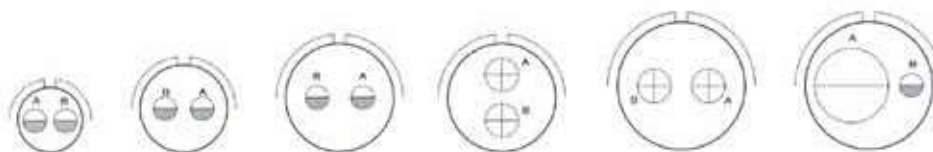


1 CONTACT

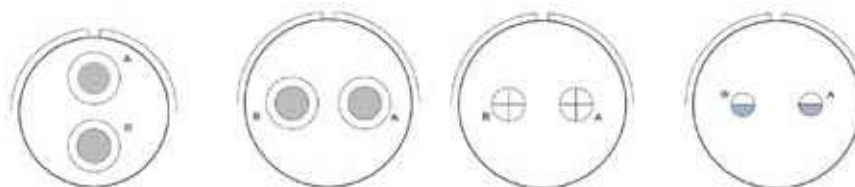


ARRANGEMENT	16-2	16-12	18-6	18-16	20-2	22-7
NO. OF CONTACTS	1	1	1	1	1	1
CONTACT SIZE	12	4	4	12	0	0
SERVICE RATING	E	A	D	C	D	E

2 CONTACTS



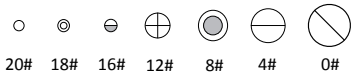
ARRANGEMENT	10SL-4	14S-9	16S-4	16-11	18-3	18-14
NO. OF CONTACTS	2	2	2	2	2	2
CONTACT SIZE	16	16	16	12	12	1-4, 1-16
SERVICE RATING	A	A	D	A	D	A



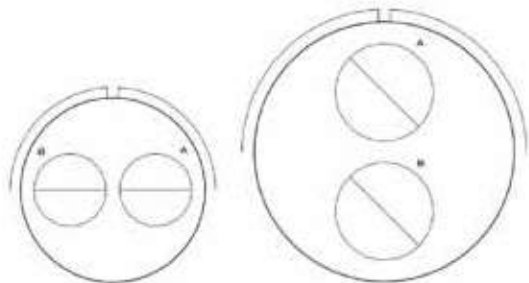
ARRANGEMENT	20-23	22-1	22-8	22-11
NO. OF CONTACTS	2	2	2	2
CONTACT SIZE	2-8	2-8	2-12	2-16
SERVICE RATING	A	D	E	B

Front View of Pin Inserts

Contact Size Legend



2 CONTACTS

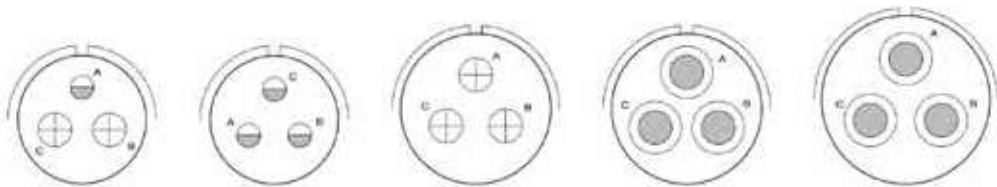


ARRANGEMENT	24-9	32-5
NO. OF CONTACTS	2	2
CONTACT SIZE	2-4	2-0
SERVICE RATING	A	D

3 CONTACTS



ARRANGEMENT	10SL-3	14S-1	14S-7	16S-5	16-7	16-10
NO. OF CONTACTS	3	3	3	3	3	3
CONTACT SIZE	3-16	3-16	3-16	3-16	1-8, 2-16	3-12
SERVICE RATING	A	A	A	A	A	A



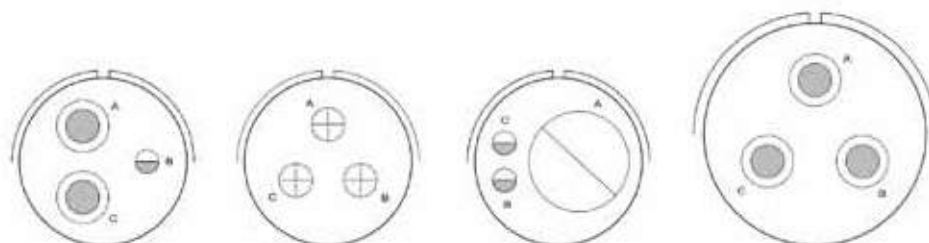
ARRANGEMENT	18-5	18-22	20-3	20-19	22-2
NO. OF CONTACTS	3	3	3	3	3
CONTACT SIZE	2-12, 1-16	3-16	3-12	3-8	3-8
SERVICE RATING	D	D	D	A	D

Front View of Pin Inserts

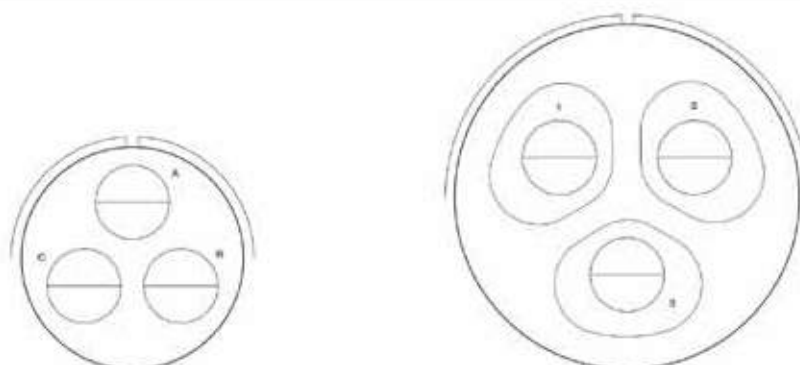
Contact Size Legend



3 CONTACTS

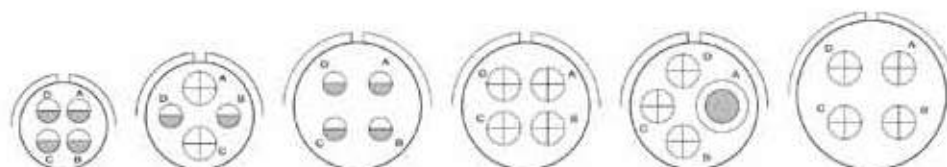


ARRANGEMENT	22-6	22-9	22-21	28-3
NO. OF CONTACTS	3	3	3	3
CONTACT SIZE	2-8, 1-16	3-12	1-0, 2-16	3-8
SERVICE RATING	D	E	A	E



ARRANGEMENT	28-6	40A-3
NO. OF CONTACTS	3	3
CONTACT SIZE	3-4	3-4
SERVICE RATING	D	E

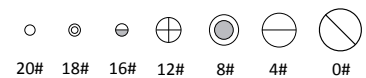
4 CONTACTS



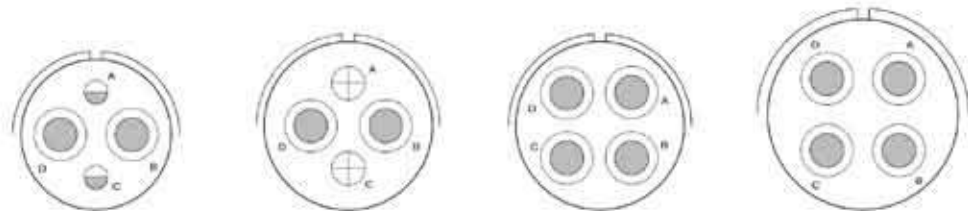
ARRANGEMENT	14S-2	16-9	18-4	18-10	18-13	20-4
NO. OF CONTACTS	4	4	4	4	4	4
CONTACT SIZE	4-16	2-12, 2-16	4-16	4-12	1-8, 3-12	4-12
SERVICE RATING	I	A	D	A	A	D

Front View of Pin Inserts

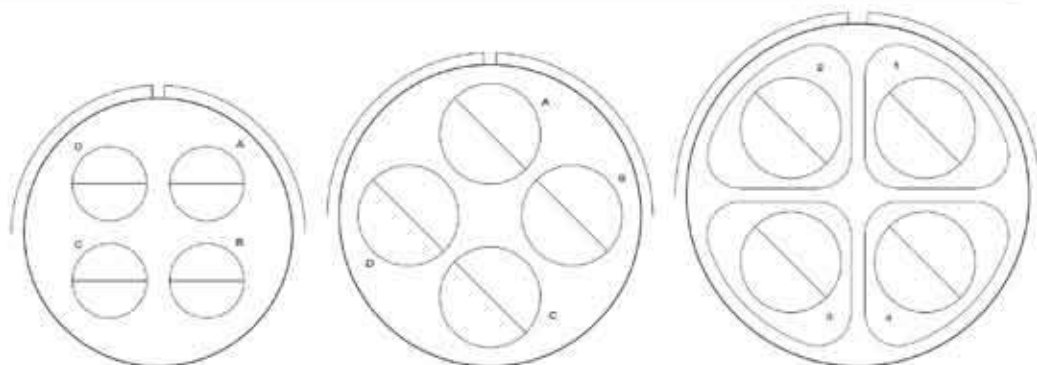
Contact Size Legend



4 CONTACTS

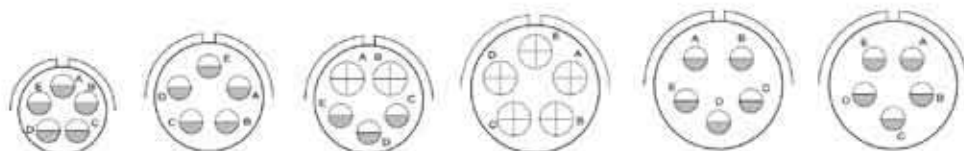


ARRANGEMENT	20-24	22-4	22-22	24-22
NO. OF CONTACTS	4	4	4	4
CONTACT SIZE	2-8, 2-16	2-8, 2-12	4-8	4-8
SERVICE RATING	A	A	A	D



ARRANGEMENT	32-17	36-5	40A-4
NO. OF CONTACTS	4	4	4
CONTACT SIZE	4-4	4-0	4-0
SERVICE RATING	D	A	E

5 CONTACTS



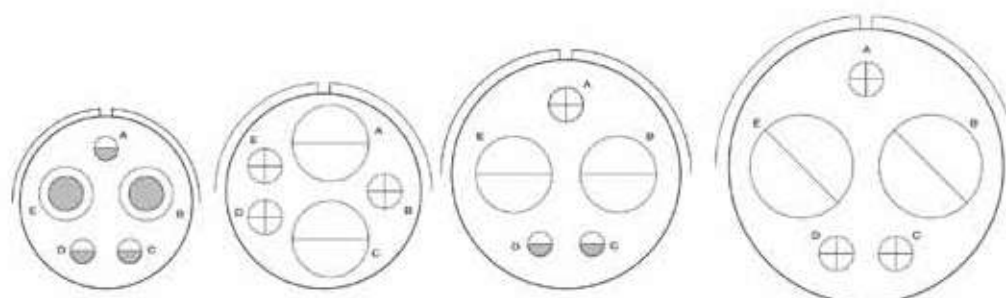
ARRANGEMENT	14S-5	16S-8	16A-5	18-11	18-20	18A-5
NO. OF CONTACTS	5	5	5	5	5	5
CONTACT SIZE	5-16	5-16	2-12, 3-16	5-12	5-16	5-16
SERVICE RATING	I	A	*	A	A	(*)

Front View of Pin Inserts

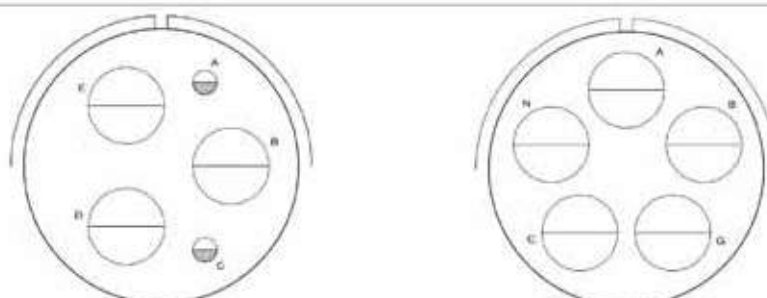
Contact Size Legend



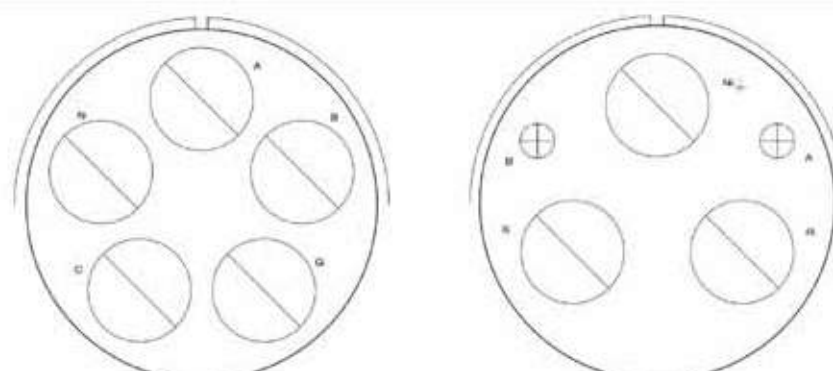
5 CONTACTS



ARRANGEMENT	22-12	24-12	28-5	32-1
NO. OF CONTACTS	5	5	5	5
CONTACT SIZE	2-8, 3-16	2-4, 3-12	2-4, 1-12, 2-16	2-0, 3-12
SERVICE RATING	D	A D	A=E - Bal.=D	



ARRANGEMENT	32-2	32A-5
NO. OF CONTACTS	5	5
CONTACT SIZE	3-4, 2-16	5-4
SERVICE RATING	E	(*)



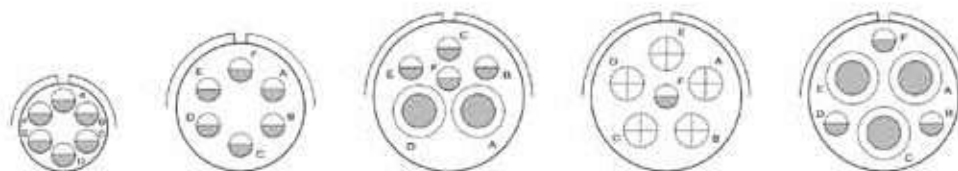
ARRANGEMENT	40A-5	40B-3
NO. OF CONTACTS	5	5
CONTACT SIZE	5-0	3-0, 2-12
SERVICE RATING	(*)	A

Front View of Pin Inserts

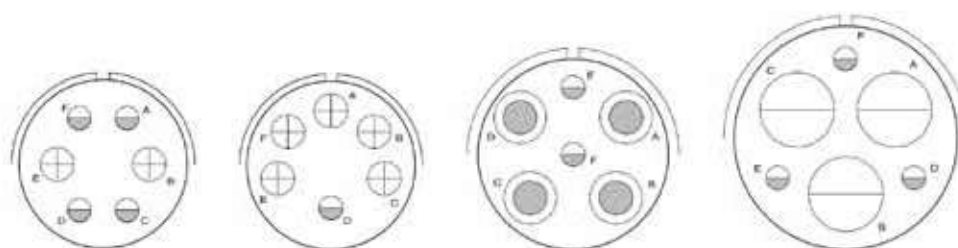
Contact Size Legend



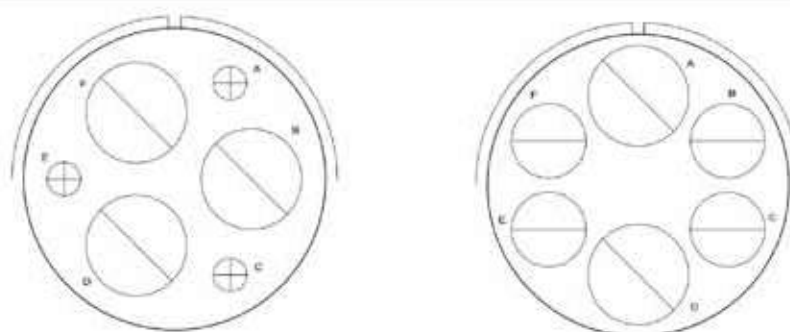
6 CONTACTS



ARRANGEMENT	14S-6	18-12	20-8	20-17	20-22
NO. OF CONTACTS	6	6	6	6	6
CONTACT SIZE	6-16	6-16	2-8, 4-16	5-12, 1-16	3-8, 3-16
SERVICE RATING	I	A	I	A	A



ARRANGEMENT	22-5	22-15	24-06	28-22
NO. OF CONTACTS	6	6	6	6
CONTACT SIZE	2-12, 4-16	5-12, 1-16	4-8, 2-16	3-4, 3-16
SERVICE RATING	D	D=E - Bal.=A	D	D



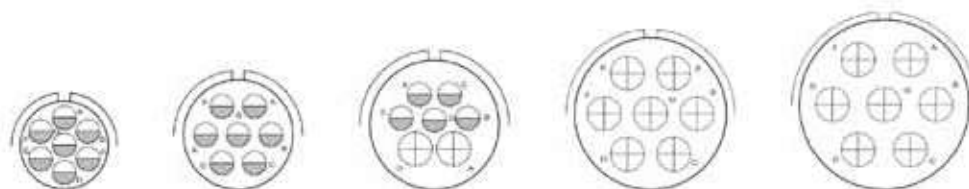
ARRANGEMENT	36-3	36-6
NO. OF CONTACTS	6	6
CONTACT SIZE	3-0, 3-12	2-0, 4-4
SERVICE RATING	D	A

Front View of Pin Inserts

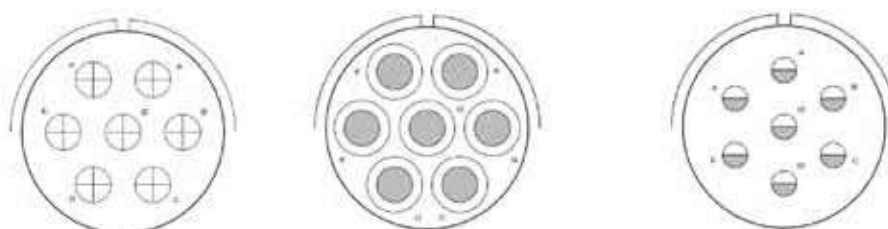
Contact Size Legend



7 CONTACTS



ARRANGEMENT	14S-07	16S-1	18-9	20-15	22-28
NO. OF CONTACTS	7	7	7	7	7
CONTACT SIZE	7-16	7-16	2-12, 5-16	7-12	7-12
SERVICE RATING	I	A	I	A	A



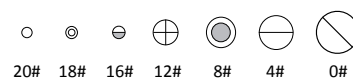
ARRANGEMENT	24-2	24-10	24-27
NO. OF CONTACTS	7	7	7
CONTACT SIZE	7-12	7-8	7-16
SERVICE RATING	D	A	E



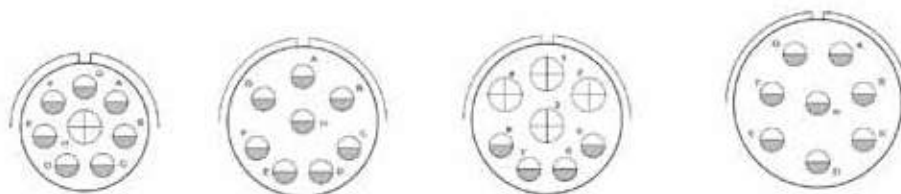
ARRANGEMENT	24A-7	28-10
NO. OF CONTACTS	7	7
CONTACT SIZE	7-12	2-4, 3-8, 3-12
SERVICE RATING	D	G=D, Bal.=A

Front View of Pin Inserts

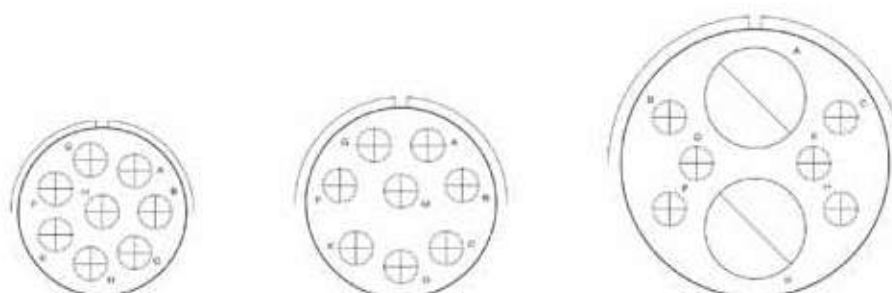
Contact Size Legend



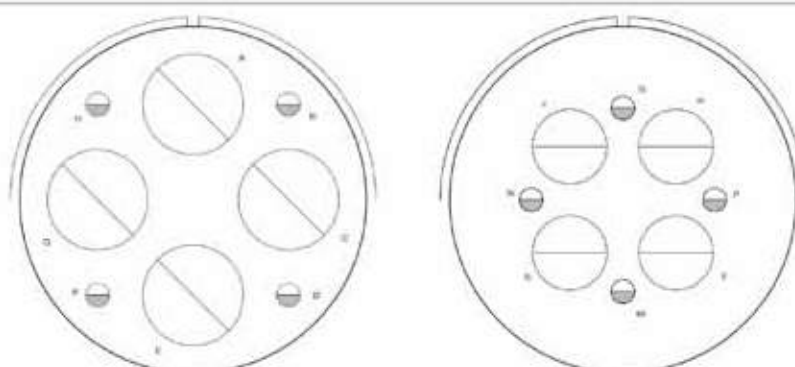
8 CONTACTS



ARRANGEMENT	18-8	20-7	20B-8	22-18
NO. OF CONTACTS	8	8	8	8
CONTACT SIZE	1-12, 7-16	8-16	4-12, 4-16	8-16
SERVICE RATING	A	A,B,H,G=D - Bal.=A	A	A,B,F,G,H=D - Bal.=A



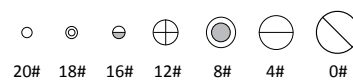
ARRANGEMENT	22-23	24-6	32-15
NO. OF CONTACTS	8	8	8
CONTACT SIZE	8-12	8-12	2-0, 6-12
SERVICE RATING	H=D - Bal.=A	A,G,H=D - Bal.=A	D



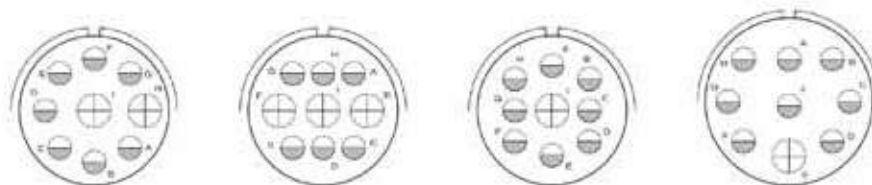
ARRANGEMENT	40A-8	40A-10
NO. OF CONTACTS	8	8
CONTACT SIZE	4-0, 4-16	4-4, 4-16
SERVICE RATING	E	D

Front View of Pin Inserts

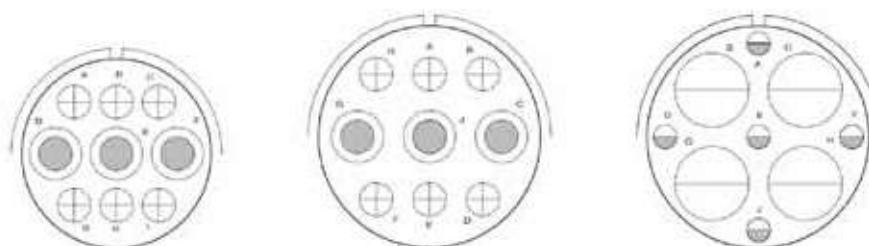
Contact Size Legend



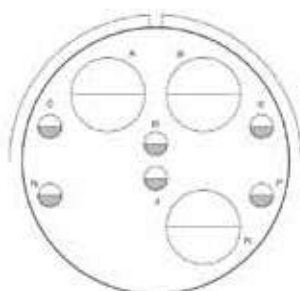
9 CONTACTS



ARRANGEMENT	20-16	20-18	20-21	22-17
NO. OF CONTACTS	9	9	9	9
CONTACT SIZE	2-12, 7-16	3-12, 6-16	1-12, 8-16	1-12, 8-16
SERVICE RATING	A	A	A	A=D - Bal.=I



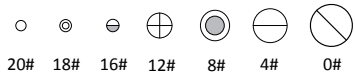
ARRANGEMENT	24-11	28-1	28A-9
NO. OF CONTACTS	9	9	9
CONTACT SIZE	3-8, 6-12	3-8, 6-12	4-4, 5-16
SERVICE RATING	A	A,J,E=D - Bal.=A	A



ARRANGEMENT	32A-9
NO. OF CONTACTS	9
CONTACT SIZE	3-4, 6-16
SERVICE RATING	A

Front View of Pin Inserts

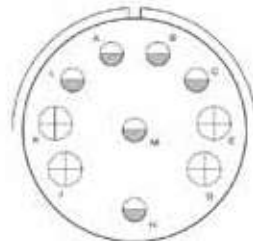
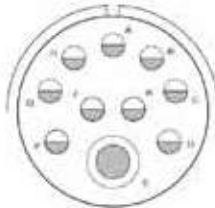
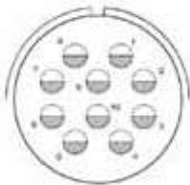
Contact Size Legend



10 CONTACTS

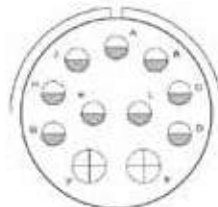


ARRANGEMENT	16A-10	18-1	18-19
NO. OF CONTACTS	10	10	10
CONTACT SIZE	10-18	10-16	10-16
SERVICE RATING	A	B,C,F,G=A - Bal.=I	A



ARRANGEMENT	22A-10	24-21	28-19
NO. OF CONTACTS	10	10	10
CONTACT SIZE	10-16	9-16, 1-8	6-16, 4-12
SERVICE RATING	A	D	H,M=B - A,B=D Bal.=A

11 CONTACTS



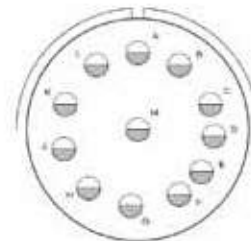
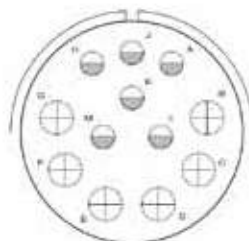
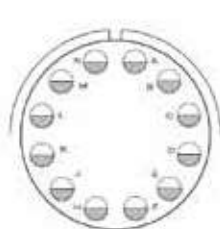
ARRANGEMENT	20-33	24-20
NO. OF CONTACTS	11	11
CONTACT SIZE	11-16	2-12, 9-16
SERVICE RATING	A	D

Front View of Pin Inserts

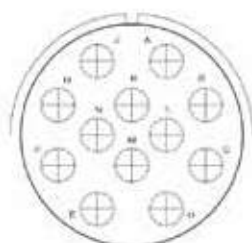
Contact Size Legend



12 CONTACTS

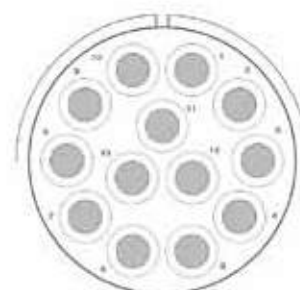
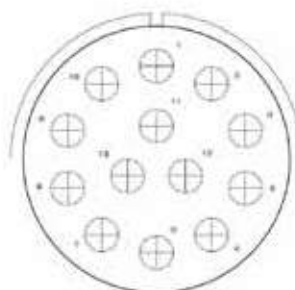
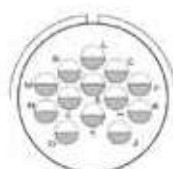


ARRANGEMENT	24-19	28-9	28-18
NO. OF CONTACTS	12	12	12
CONTACT SIZE	12-16	6-12, 6-16	12-16
SERVICE RATING	A	D	M=C - A,B=A - G,H,J,K,L=D - BaL=I



ARRANGEMENT	28-51
NO. OF CONTACTS	12
CONTACT SIZE	12-12
SERVICE RATING	D

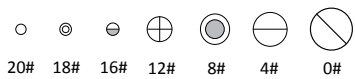
13 CONTACTS



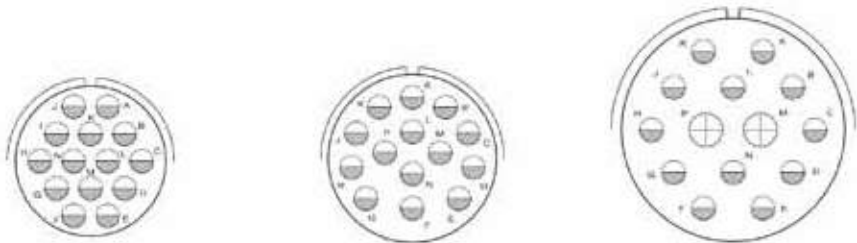
ARRANGEMENT	20-11	32A-13	32B-13
NO. OF CONTACTS	13	13	13
CONTACT SIZE	13-16	13-12	13-8
SERVICE RATING	I	D	(I)

Front View of Pin Inserts

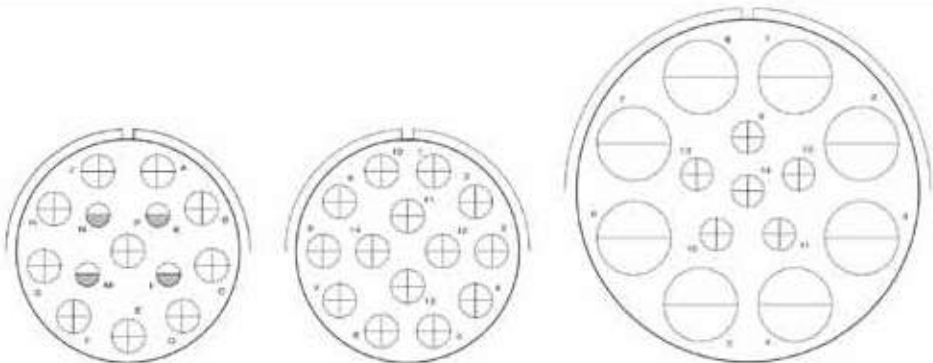
Contact Size Legend



14 CONTACTS

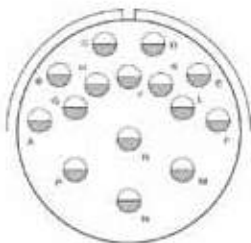


ARRANGEMENT	20-27	22-19	28-2
NO. OF CONTACTS	14	14	14
CONTACT SIZE	14-16	14-16	2-12, 12-16
SERVICE RATING	A	A	D



ARRANGEMENT	28-20	28A-14	40A-14
NO. OF CONTACTS	14	14	14
CONTACT SIZE	10-12, 4-16	14-12	8-4, 6-12
SERVICE RATING	A	D	A

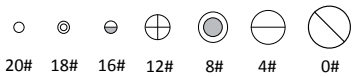
15 CONTACTS



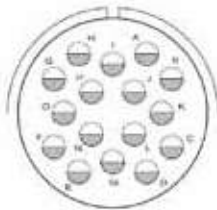
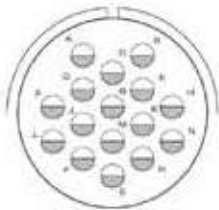
ARRANGEMENT	28-17
NO. OF CONTACTS	15
CONTACT SIZE	15-16
SERVICE RATING	M,N,P=D - R=B - Bal.=A

Front View of Pin Inserts

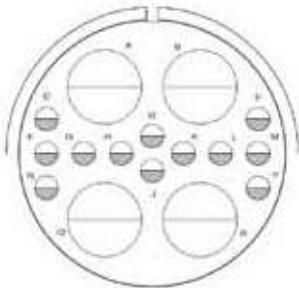
Contact Size Legend



16 CONTACTS



ARRANGEMENT	24-5	24-7	24A-16
NO. OF CONTACTS	16	16	16
CONTACT SIZE	16-16	2-12, 14-16	16-16
SERVICE RATING	A	A	(*)



ARRANGEMENT	32-68
NO. OF CONTACTS	16
CONTACT SIZE	4-4, 12-16
SERVICE RATING	A

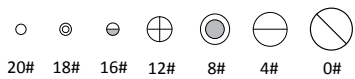
17 CONTACTS



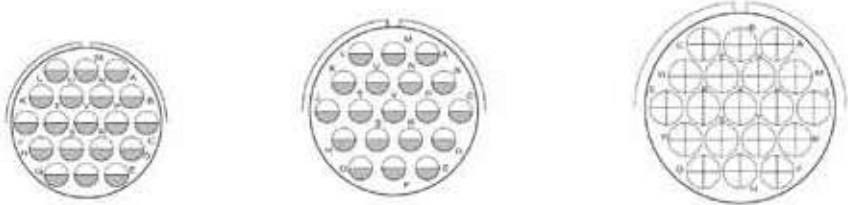
ARRANGEMENT	20-29
NO. OF CONTACTS	17
CONTACT SIZE	17-16
SERVICE RATING	A

Front View of Pin Inserts

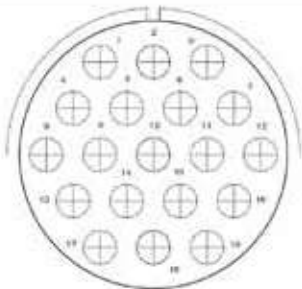
Contact Size Legend



19 CONTACTS

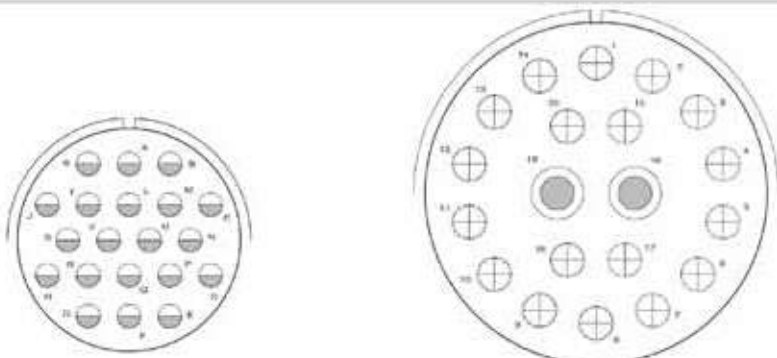


ARRANGEMENT	20A-48	22-14	24-67
NO. OF CONTACTS	19	19	19
CONTACT SIZE	19-16	19-16	19-12
SERVICE RATING	I	A	A



ARRANGEMENT	32-76
NO. OF CONTACTS	19
CONTACT SIZE	19-12
SERVICE RATING	A

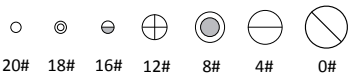
20 CONTACTS



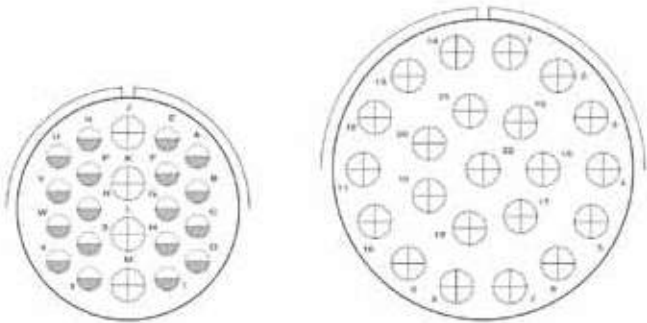
ARRANGEMENT	28-16	40A-20
NO. OF CONTACTS	20	20
CONTACT SIZE	20-16	2-8, 16-12
SERVICE RATING	A	A

Front View of Pin Inserts

Contact Size Legend

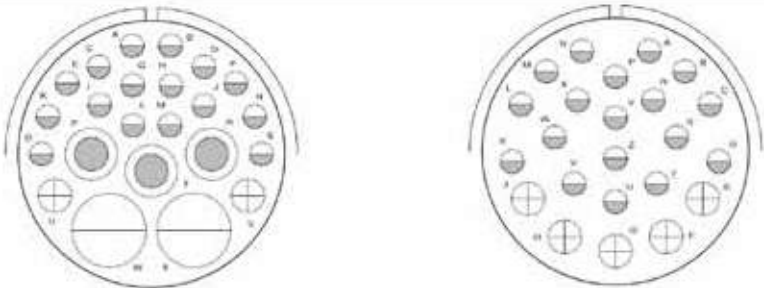


22 CONTACTS



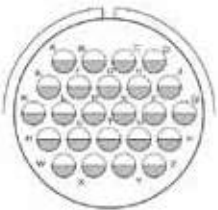
ARRANGEMENT	28-11	36A-22
NO. OF CONTACTS	22	22
CONTACT SIZE	4-12, 18-16	22-12
SERVICE RATING	A	D

23 CONTACTS



ARRANGEMENT	32-6	32-13
NO. OF CONTACTS	23	23
CONTACT SIZE	2-4, 3-8, 2-12, 16-16	5-12, 18-16
SERVICE RATING	A	D

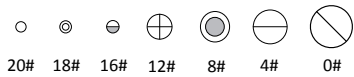
24 CONTACTS



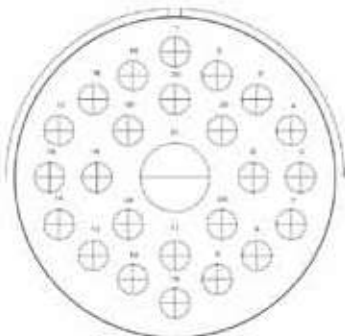
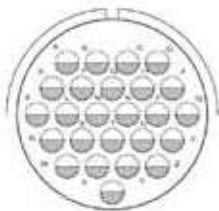
ARRANGEMENT	24-28
NO. OF CONTACTS	24
CONTACT SIZE	24-16
SERVICE RATING	I

Front View of Pin Inserts

Contact Size Legend

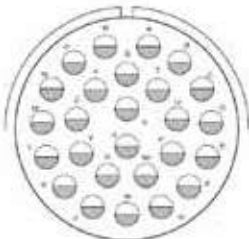


25 CONTACTS



ARRANGEMENT	24A-25	40A-25
NO. OF CONTACTS	25	25
CONTACT SIZE	25-16	1-4, 24-12
SERVICE RATING	I	A

26 CONTACTS

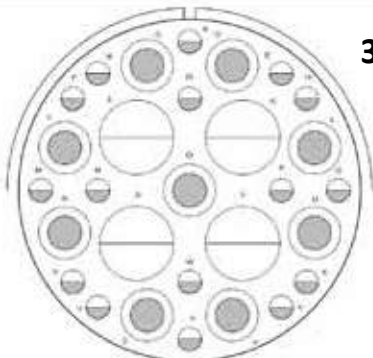


28 CONTACTS

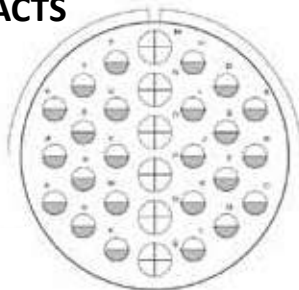


ARRANGEMENT	28-12	24A-28
NO. OF CONTACTS	26	28
CONTACT SIZE	26-16	28-16
SERVICE RATING	A	I

29 CONTACTS



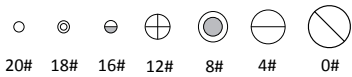
30 CONTACTS



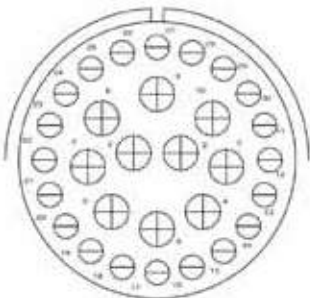
ARRANGEMENT	40-10	32-8
NO. OF CONTACTS	29	30
CONTACT SIZE	4-4, 9-8, 16-16	6-12, 24-16
SERVICE RATING	A	A

Front View of Pin Inserts

Contact Size Legend

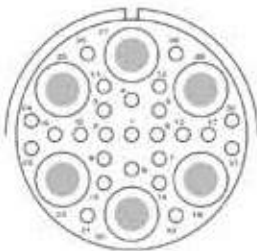


30 CONTACTS

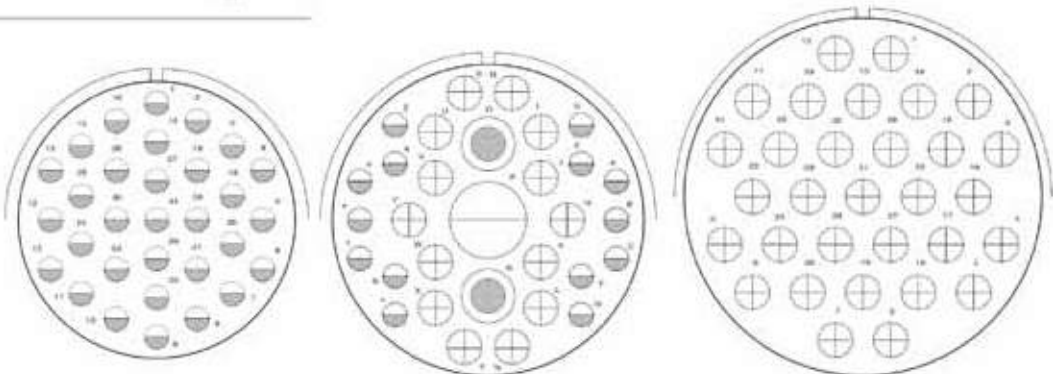


ARRANGEMENT	32A-30
NO. OF CONTACTS	30
CONTACT SIZE	10-12, 20-16
SERVICE RATING	A

31 CONTACTS



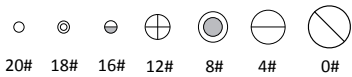
ARRANGEMENT	28A-31
NO. OF CONTACTS	31
CONTACT SIZE	25-20, 6-8
SERVICE RATING	(*)



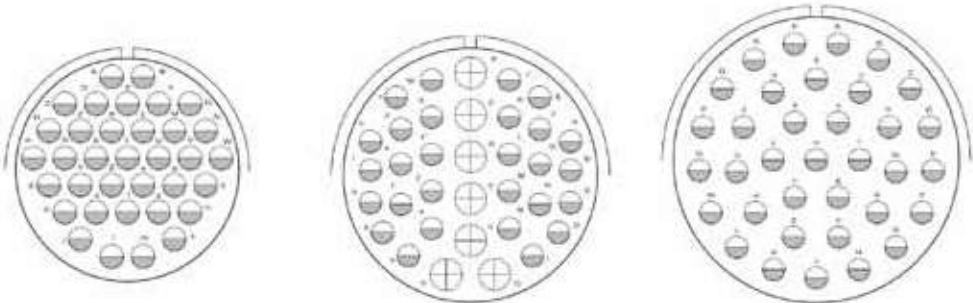
ARRANGEMENT	32-31	36-9	40A-31
NO. OF CONTACTS	31	31	31
CONTACT SIZE	31-16	1-4, 2-8, 14-12, 14-16	31-12
SERVICE RATING	A	A	D

Front View of Pin Inserts

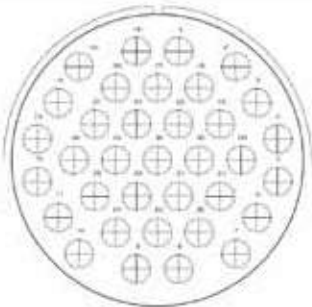
Contact Size Legend



35 CONTACTS

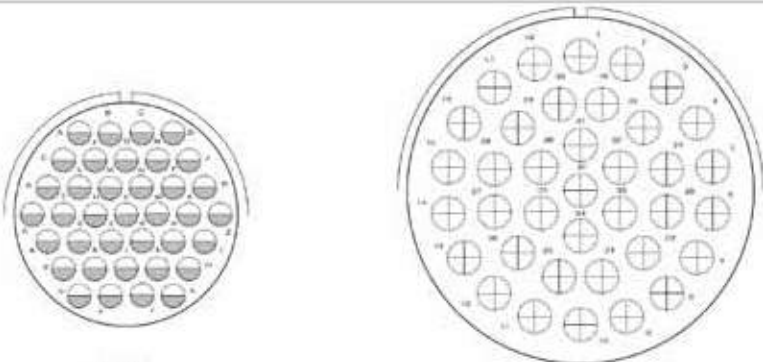


ARRANGEMENT	28-15	32-7	36-15
NO. OF CONTACTS	35	35	35
CONTACT SIZE	35-16	7-12, 28-16	35-16
SERVICE RATING	A	A,B,h,j=I - Bal.=A	M=D - Bal.=A



ARRANGEMENT	40A-35
NO. OF CONTACTS	35
CONTACT SIZE	35-12
SERVICE RATING	D

37 CONTACTS



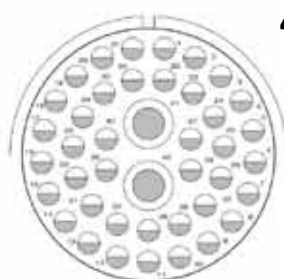
ARRANGEMENT	28-21	40B-37
NO. OF CONTACTS	37	37
CONTACT SIZE	37-16	37-12
SERVICE RATING	A	A

Front View of Pin Inserts

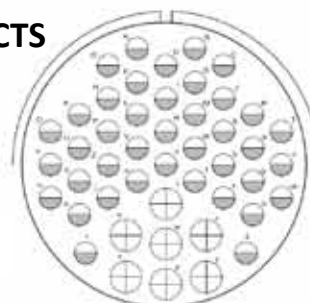
Contact Size Legend



42 CONTACTS

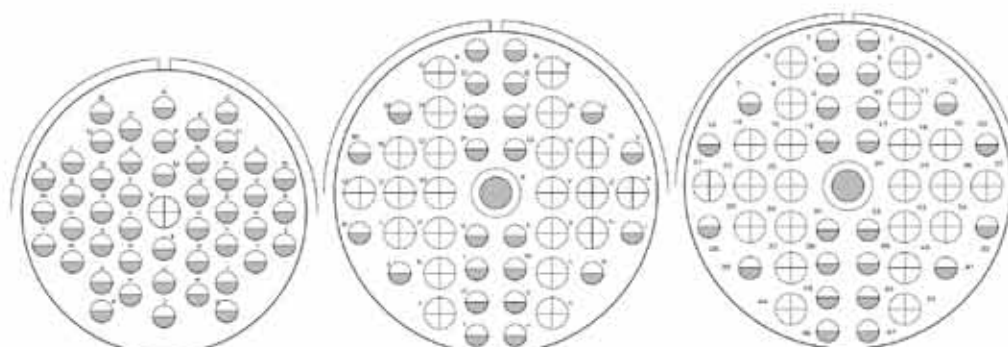


47 CONTACTS



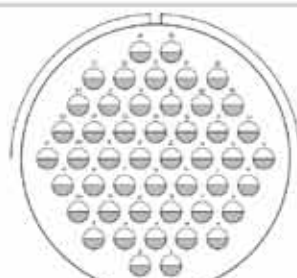
ARRANGEMENT	32-59	36-7
NO. OF CONTACTS	42	47
CONTACT SIZE	2-8, 40-16	7-12, 40-16
SERVICE RATING	A	A

47 CONTACTS

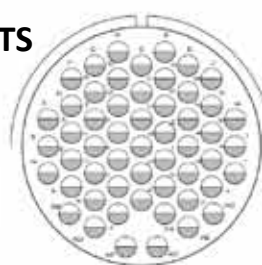


ARRANGEMENT	36-8	40-9	40A-47
NO. OF CONTACTS	47	47	47
CONTACT SIZE	1-12, 46-16	1-8, 22-12, 24-16	1-8, 22-12, 24-16
SERVICE RATING	A	A	A

48 CONTACTS



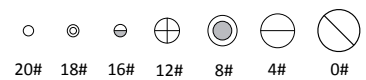
54 CONTACTS



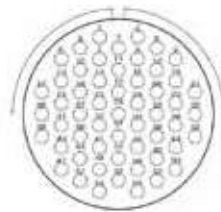
ARRANGEMENT	36-10	32-22
NO. OF CONTACTS	48	54
CONTACT SIZE	48-16	54-16
SERVICE RATING	A	A

Front View of Pin Inserts

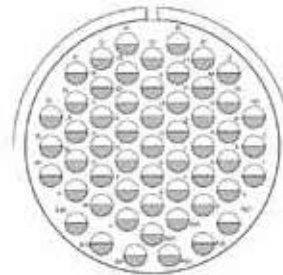
Contact Size Legend



55 CONTACTS



24A-55



32A-55

ARRANGEMENT

NO. OF CONTACTS

CONTACT SIZE

SERVICE RATING

55

55

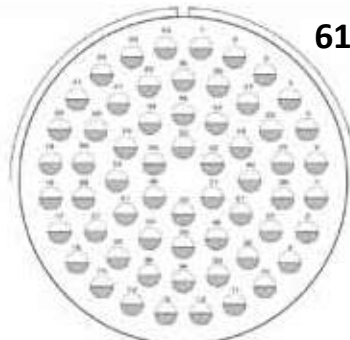
55-20

55-16

I

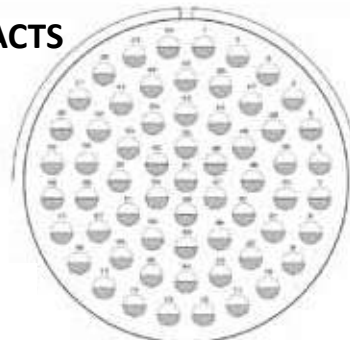
A

60 CONTACTS



40A-60

61 CONTACTS



40-63

ARRANGEMENT

NO. OF CONTACTS

CONTACT SIZE

SERVICE RATING

60

61

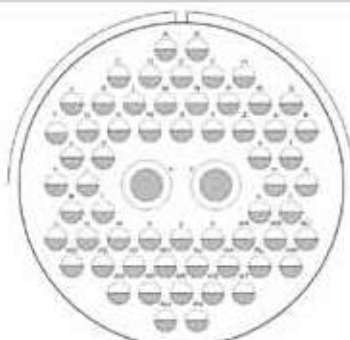
60-16

61-16

A

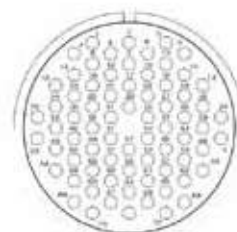
A

62 CONTACTS



40A-62

72 CONTACTS



28-72

ARRANGEMENT

NO. OF CONTACTS

CONTACT SIZE

SERVICE RATING

62

72

2-8, 60-16

72-20

A

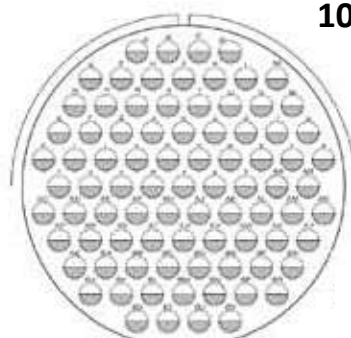
I

Front View of Pin Inserts

Contact Size Legend



85 CONTACTS



40-56

ARRANGEMENT

NO. OF CONTACTS

CONTACT SIZE

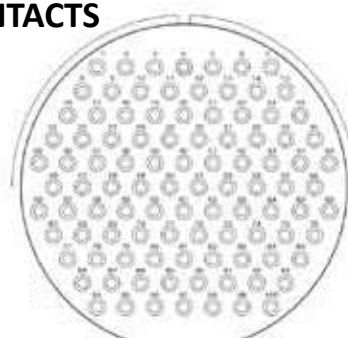
SERVICE RATING

85

85-16

A

100 CONTACTS



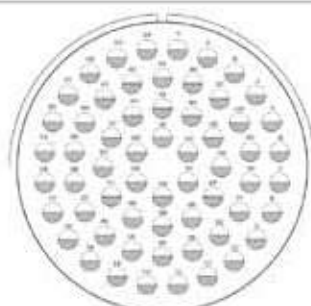
40A-100

100

100-18

A

101 CONTACTS



32A-101

ARRANGEMENT

NO. OF CONTACTS

CONTACT SIZE

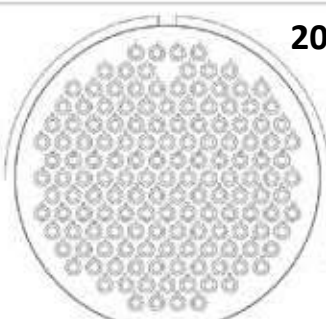
SERVICE RATING

101

20

I

150 CONTACTS



40A-150

ARRANGEMENT

NO. OF CONTACTS

CONTACT SIZE

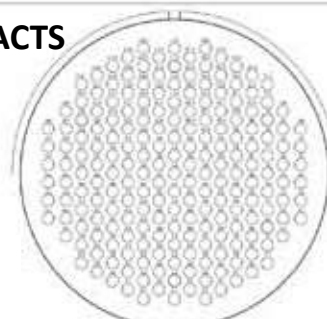
SERVICE RATING

150

150-18

I

201 CONTACTS



40A-201

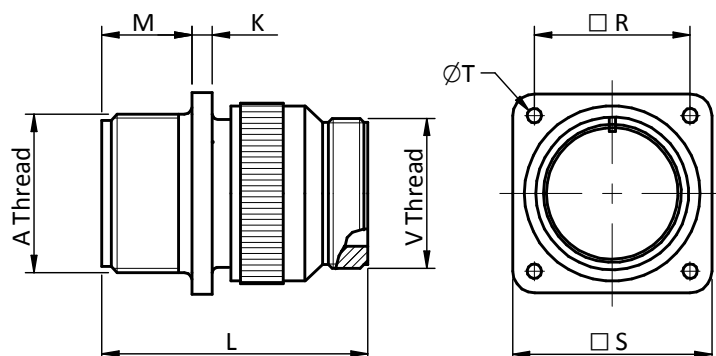
201

201-20

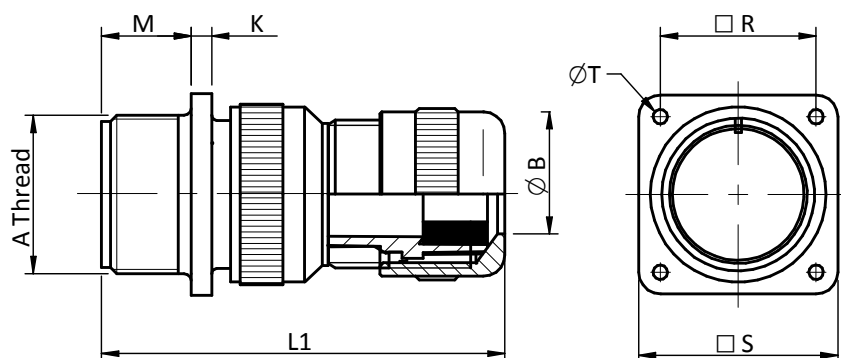
(*)

Wall Mounting Receptacle

RMSXX100A



RMSXX100A ... CGM



Technical Data

Shell Size	CGM Size	A Thread	ØB Min. - Max.	K ±0.2	L Max.	L1 Max.	M +0.2 / -0	R ±0.1	S ±0.2	T +0.1 / -0	V Thread
10 SL	9	0.6250 - 24UNEF	2 - 9	2.8	44.0	70.0	14.3	18.25	25.4	3.2	0.6250 - 24UNEF
14 S	11	0.8750 - 20UNEF	2 - 11	3.3	46.0	70.0	14.5	23.00	30.4	3.2	0.7500 - 20UNEF
16 S	11	1.0000 - 20UNEF	2 - 11	3.3	46.0	70.0	14.5	24.60	32.5	3.2	0.8750 - 20UNEF
16	11	1.0000 - 20UNEF	2 - 11	3.3	58.0	80.0	19.1	24.60	32.5	3.2	0.8750 - 20UNEF
18	11 / 18	1.1250 - 18UNEF	2 - 11 / 2 - 16.5	4.0	58.0	80.0	19.1	27.00	35.0	3.2	1.0000 - 20UNEF
20	11 / 18	1.1250 - 18UNEF	2 - 11 / 2 - 16.5	4.0	58.0	80.0	19.1	29.40	38.0	3.2	1.1875 - 18UNEF
22	18	1.3750 - 18UNEF	2 - 16.5	4.0	58.0	80.0	19.6	31.75	41.0	3.2	1.1875 - 18UNEF
24	18 / 22 / 24	1.5000 - 18UNEF	2 - 16.5 / 15 - 20 / 19 - 24	4.0	60.0	90.0	20.6	34.90	44.5	3.7	1.4375 - 18UNEF
28	18 / 22 / 24	1.7500 - 18UNS	2 - 16.5 / 15 - 20 / 19 - 24	4.0	66.0	90.0	20.0	39.70	50.9	3.7	1.4375 - 18UNEF
32	22 / 24	2.0000 - 18UNS	15 - 20 / 19 - 24	4.0	71.0	90.0	22.3	44.45	57.0	4.3	1.7500 - 16UN
36	23 / 24	2.2500 - 16UN	2 - 16.5 / 15 - 20 / 19 - 24	4.1	78.0	100.0	22.3	39.70	63.5	3.7	2.0000 - 16UN
40	24 / 24	2.5000 - 16UN	15 - 20 / 19 - 24	4.2	78.0	100.0	22.3	44.45	69.9	4.3	2.2500 - 16UN

For Additional Information or Different Requests, Please Contact the Factory

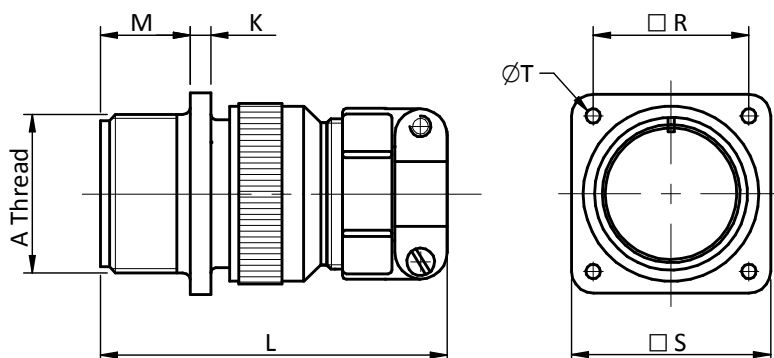
Description

A : Wall mounting receptacle. Includes backshell for cable clamp. MS 3057-XX A/B/C.

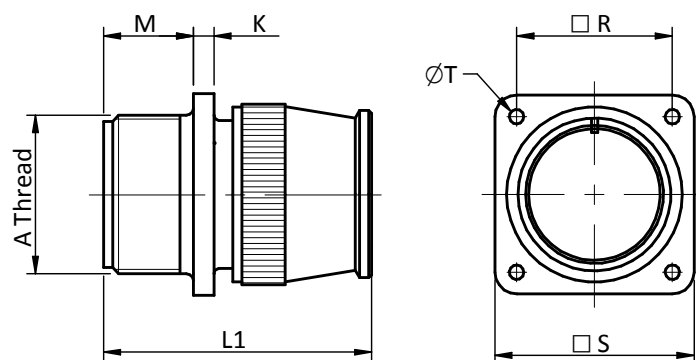
CGM : Wall mounting receptacle. Includes a CGM cable clamp for shielded or unshielded cables, that assures an excellent mechanical and waterproof seal if used with the correct neoprene sealing sleeves. No grommet supplied.

Wall Mounting Receptacle

RMSXX100F



RMSXX100R



Technical Data

Shell Size	A Thread	K ±0.2	L Max.	L1 Max.	M +0.2 / -0	R ±0.1	S ±0.2	T +0.1 / -0	V Thread
10 SL	0.6250 - 24UNEF	2.8	55.0	38.0	14.3	18.25	25.4	3.2	0.6250 - 24UNEF
14 S	0.8750 - 20UNEF	3.3	58.0	48.0	14.5	23.00	30.4	3.2	0.7500 - 20UNEF
16 S	1.0000 - 20UNEF	3.3	60.0	46.0	14.5	24.60	32.5	3.2	0.8750 - 20UNEF
16	1.0000 - 20UNEF	3.3	72.0	56.0	19.1	24.60	32.5	3.2	0.8750 - 20UNEF
18	1.1250 - 18UNEF	4.0	78.0	56.0	19.1	27.00	35.0	3.2	1.0000 - 20UNEF
20	1.1250 - 18UNEF	4.0	74.0	56.0	19.1	29.40	38.0	3.2	1.1875 - 18UNEF
22	1.3750 - 18UNEF	4.0	74.0	56.0	19.6	31.75	41.0	3.2	1.1875 - 18UNEF
24	1.5000 - 18UNEF	4.0	77.0	58.0	20.6	34.90	44.5	3.7	1.4375 - 18UNEF
28	1.7500 - 18UNS	4.0	83.0	58.0	20.0	39.70	50.9	3.7	1.4375 - 18UNEF
32	2.0000 - 18UNS	4.0	90.0	58.0	22.3	44.45	57.0	4.3	1.7500 - 16UN
36	2.2500 - 16UN	4.1	97.0	58.0	22.3	39.70	63.5	3.7	2.0000 - 16UN
40	2.5000 - 16UN	4.2	116.0	58.0	22.3	44.45	69.9	4.3	2.2500 - 16UN

For Additional Information or Different Requests, Please Contact the Factory

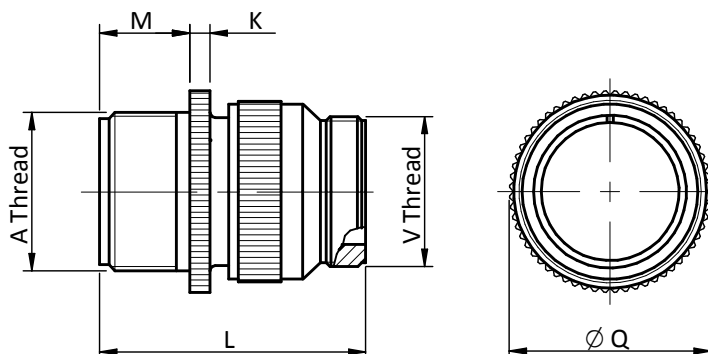
Description

F : Wall mounting receptacle. Includes insulating grommet, backshell and class A cable clamp MS 3057.

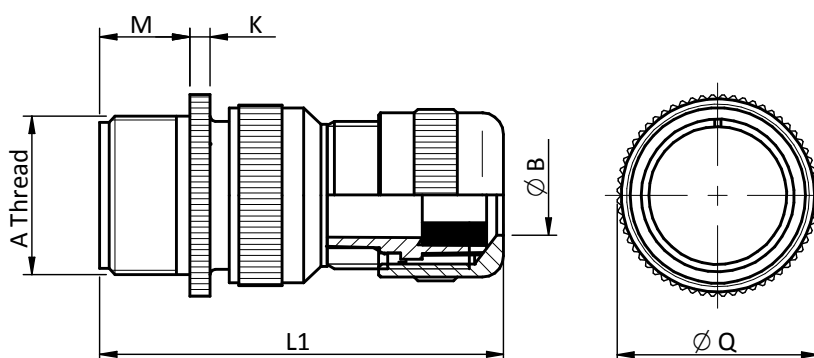
R : Wall mounting receptacle. Includes insulating grommet and backshell. For use with individual wires.

In Line Receptacle

RMSXX101A



RMSXX101A ... CGM



Technical Data

Shell Size	CGM Size	A Thread	ØB Min. - Max.	K ±0.2	L Max.	L1 Max.	M +0.2 / -0	Q ±0.1	V Thread
10 SL	9	0.6250 - 24UNEF	2 - 9	2.8	55.0	38.0	14.3	21.8	0.6250 - 24UNEF
14 S	11	0.8750 - 20UNEF	2 - 11	3.3	58.0	48.0	14.5	28.8	0.7500 - 20UNEF
16 S	11	1.0000 - 20UNEF	2 - 11	3.3	60.0	46.0	14.5	30.5	0.8750 - 20UNEF
16	11	1.0000 - 20UNEF	2 - 11	3.3	72.0	56.0	19.1	30.5	0.8750 - 20UNEF
18	11 / 18	1.1250 - 18UNEF	2 - 11 / 2 - 16.5	4.0	78.0	56.0	19.1	33.8	1.0000 - 20UNEF
20	11 / 18	1.1250 - 18UNEF	2 - 11 / 2 - 16.5	4.0	74.0	56.0	19.1	36.9	1.1875 - 18UNEF
22	18	1.3750 - 18UNEF	2 - 16.5	4.0	74.0	56.0	19.6	39.5	1.1875 - 18UNEF
24	18 / 22 / 24	1.5000 - 18UNEF	2 - 16.5 / 15 - 20 / 19 - 24	4.0	77.0	58.0	20.6	43.9	1.4375 - 18UNEF
28	18 / 22 / 24	1.7500 - 18UNS	2 - 16.5 / 15 - 20 / 19 - 24	4.0	83.0	58.0	20.0	48.4	1.4375 - 18UNEF
32	22 / 24	2.0000 - 18UNS	15 - 20 / 19 - 24	4.0	90.0	58.0	22.3	56.0	1.7500 - 16UN
36	23 / 24	2.2500 - 16UN	2 - 16.5 / 15 - 20 / 19 - 24	4.1	97.0	58.0	22.3	62.4	2.0000 - 16UN
40	24 / 24	2.5000 - 16UN	15 - 20 / 19 - 24	4.2	116.0	58.0	22.3	68.6	2.2500 - 16UN

For Additional Information or Different Requests, Please Contact the Factory

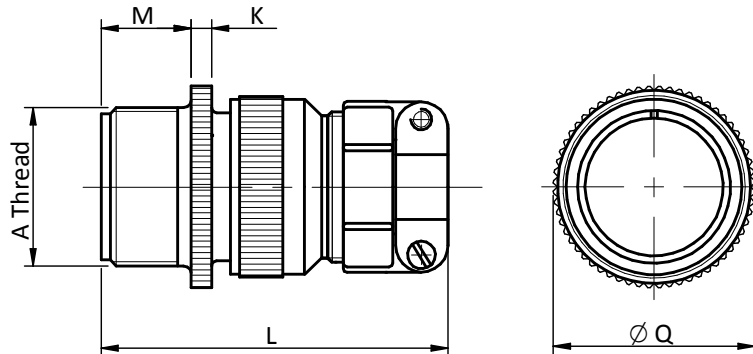
Description

A : Wall mounting receptacle. Includes backshell for cable clamp. MS 3057-XX A/B/C.

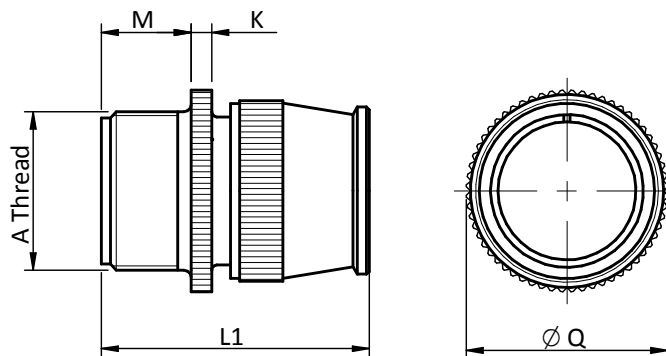
CGM : Wall mounting receptacle. Includes a CGM cable clamp for shielded or unshielded cables, that assures an excellent mechanical and waterproof seal if used with the correct neoprene sealing sleeves. No grommet supplied.

In Line Receptacle

RMSXX101F



RMSXX101R



Technical Data

Shell Size	CGM Size	A Thread	ØB Min. - Max.	K ±0.2	L Max.	L1 Max.	M +0.2 / -0	Q ±0.1	V Thread
10 SL	9	0.6250 - 24UNEF	2 - 9	2.8	55.0	38.0	14.3	21.8	0.6250 - 24UNEF
14 S	11	0.8750 - 20UNEF	2 - 11	3.3	58.0	48.0	14.5	28.8	0.7500 - 20UNEF
16 S	11	1.0000 - 20UNEF	2 - 11	3.3	60.0	46.0	14.5	30.5	0.8750 - 20UNEF
16	11	1.0000 - 20UNEF	2 - 11	3.3	72.0	56.0	19.1	30.5	0.8750 - 20UNEF
18	11 / 18	1.1250 - 18UNEF	2 - 11 / 2 - 16.5	4.0	78.0	56.0	19.1	33.8	1.0000 - 20UNEF
20	11 / 18	1.1250 - 18UNEF	2 - 11 / 2 - 16.5	4.0	74.0	56.0	19.1	36.9	1.1875 - 18UNEF
22	18	1.3750 - 18UNEF	2 - 16.5	4.0	74.0	56.0	19.6	39.5	1.1875 - 18UNEF
24	18 / 22 / 24	1.5000 - 18UNEF	2 - 16.5 / 15 - 20 / 19 - 24	4.0	77.0	58.0	20.6	43.9	1.4375 - 18UNEF
28	18 / 22 / 24	1.7500 - 18UNS	2 - 16.5 / 15 - 20 / 19 - 24	4.0	83.0	58.0	20.0	48.4	1.4375 - 18UNEF
32	22 / 24	2.0000 - 18UNS	15 - 20 / 19 - 24	4.0	90.0	58.0	22.3	56.0	1.7500 - 16UN
36	23 / 24	2.2500 - 16UN	2 - 16.5 / 15 - 20 / 19 - 24	4.1	97.0	58.0	22.3	62.4	2.0000 - 16UN
40	24 / 24	2.5000 - 16UN	15 - 20 / 19 - 24	4.2	116.0	58.0	22.3	68.6	2.2500 - 16UN

For Additional Information or Different Requests, Please Contact the Factory

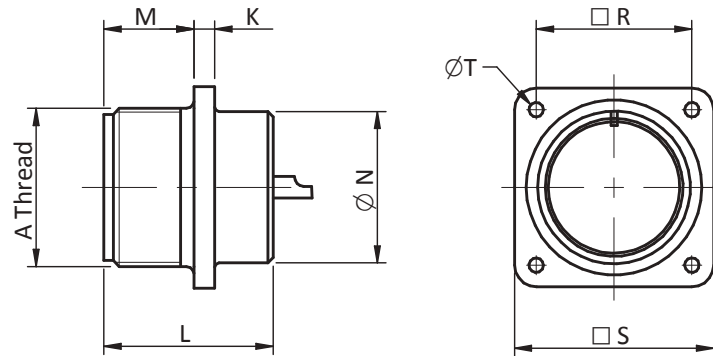
Description

F : Wall mounting receptacle. Includes insulating grommet, backshell and class A cable clamp MS 3057.

R : Wall mounting receptacle. Includes insulating grommet and backshell. For use with individual wires.

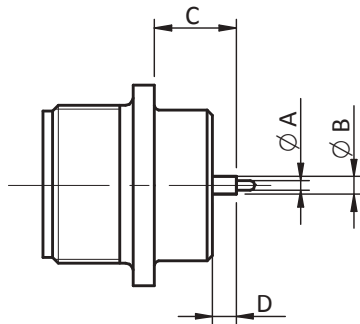
Box Mounting Receptacle

RMSXX102A / R



RMSXX102Y/ DS1 / YL5

PCB Contacts



Shell Size	DS1				Y #16				Y #12				YL5			
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
10 SL	0.8	1.8	13.8	3.6	-	-	-	-	-	-	-	-	-	-	-	-
14 S	0.8	1.8	12.4	3.6	-	-	-	-	-	-	-	-	-	-	-	-
16 S	0.8	1.8	12.4	3.6	-	-	-	-	-	-	-	-	-	-	-	-
16	0.8	1.8	14.6	3.6	0.8	1.8	17.85	3.5	1.8	3.4	17.85	3.5	0.8	1.8	17.85	5.0
18	0.8	1.8	13.8	3.6	0.8	1.8	17.05	3.5	1.8	3.4	17.05	3.5	0.8	1.8	17.05	5.0
20	0.8	1.8	13.8	3.6	0.8	1.8	17.05	3.5	1.8	3.4	17.05	3.5	0.8	1.8	17.05	5.0
22	0.8	1.8	13.3	3.6	0.8	1.8	16.55	3.5	1.8	3.4	16.55	3.5	0.8	1.8	16.55	5.0
24	0.8	1.8	12.2	3.6	0.8	1.8	15.45	3.5	1.8	3.4	15.45	3.5	0.8	1.8	15.45	5.0
28	0.8	1.8	13.0	3.6	0.8	1.8	16.25	3.5	1.8	3.4	16.25	3.5	0.8	1.8	16.25	5.0
32	-	-	-	-	0.8	1.8	13.85	3.5	1.8	3.4	13.85	3.5	0.8	1.8	13.85	5.0
36	-	-	-	-	0.8	1.8	13.85	3.5	1.8	3.4	13.85	3.5	0.8	1.8	13.85	5.0
40	-	-	-	-	0.8	1.8	13.85	3.5	1.8	3.4	13.85	3.5	0.8	1.8	13.85	5.0

Technical Data

Shell Size	A Thread	K ±0.2	L Max.	M +0.2 / -0	ØN +0.2 / -0	R ±0.1	S ±0.2	T +0.1 / -0
10 SL	0.6250 - 24UNEF	2.8	24.7	14.3	14.3	18.25	25.4	3.2
14 S	0.7500 - 20UNEF	3.3	24.7	14.5	14.5	23.00	30.4	3.2
16 S	0.7500 - 20UNEF	3.3	24.7	14.5	14.5	24.60	32.5	3.2
16	0.8750 - 20UNEF	3.3	33.8	19.1	19.1	24.60	32.5	3.2
18	0.8750 - 20UNEF	4.0	34.5	19.1	19.1	27.00	35.0	3.2
20	1.0000 - 20UNEF	4.0	34.5	19.1	19.1	29.40	38.0	3.2
22	1.1250 - 18UNEF	4.0	34.5	19.6	19.6	31.75	41.0	3.2
24	1.1250 - 18UNEF	4.0	35.7	20.6	20.6	34.90	44.5	3.7
28	1.2500 - 18UNEF	4.0	35.7	20.0	20.0	39.70	50.9	3.7
32	1.3750 - 18UNEF	4.0	37.3	22.3	22.3	44.45	57.0	4.3
36	1.5000 - 18UNEF	4.0	37.3	22.3	22.3	49.20	63.5	4.3
40	1.7500 - 18UNS	4.0	37.3	22.3	22.3	55.55	69.9	4.3

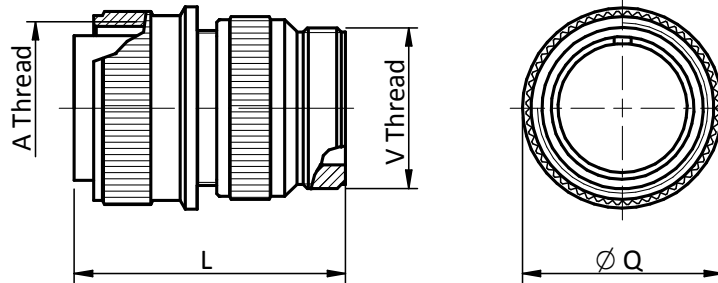
For Additional Information or Different Requests, Please Contact the Factory

Description

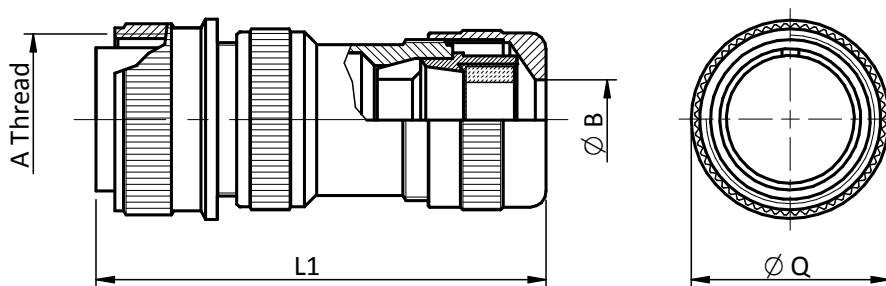
A / R : Box mounting square flange receptacle. Class A: for general use. Class R: for environmental sealing.
Y : Box mounting square flange receptacle with PCB contacts.

Straight Plug

RMSXX106A



RMSXX106A ... CGM



Technical Data

Shell Size	CGM Size	A Thread	ØB Min. - Max.	ØQ	L Max.	L1 Max.	V Thread
10 SL	9	0.6250 - 24UNEF	2 - 9	24.1	44.0	60.0	0.6250 - 24UNEF
14 S	11	0.8750 - 20UNEF	2 - 11	28.0	45.0	60.0	0.7500 - 20UNEF
16 S	11	1.0000 - 20UNEF	2 - 11	31.5	45.0	60.0	0.8750 - 20UNEF
16	11	1.0000 - 20UNEF	2 - 11	31.5	58.0	70.0	0.8750 - 20UNEF
18	11 / 18	1.1250 - 18UNEF	2 - 11 / 2 - 16.5	34.0	58.0	70.0	1.0000 - 20UNEF
20	11 / 18	1.1250 - 18UNEF	2 - 11 / 2 - 16.5	37.2	58.0	70.0	1.1875 - 18UNEF
22	18	1.3750 - 18UNEF	2 - 16.5	40.4	58.0	70.0	1.1875 - 18UNEF
24	18 / 22 / 24	1.5000 - 18UNEF	2 - 16.5 / 15 - 20 / 19 - 24	43.5	60.0	80.0	1.4375 - 18UNEF
28	18 / 22 / 24	1.7500 - 18UNS	2 - 16.5 / 15 - 20 / 19 - 24	49.9	66.0	80.0	1.4375 - 18UNEF
32	22 / 24	2.0000 - 18UNS	15 - 20 / 19 - 24	56.0	71.0	80.0	1.7500 - 16UN
36	23 / 24	2.2500 - 16UN	2 - 16.5 / 15 - 20 / 19 - 24	62.5	77.0	95.0	2.0000 - 16UN
40	24 / 24	2.5000 - 16UN	15 - 20 / 19 - 24	69.0	77.0	95.0	2.2500 - 16UN

For Additional Information or Different Requests, Please Contact the Factory

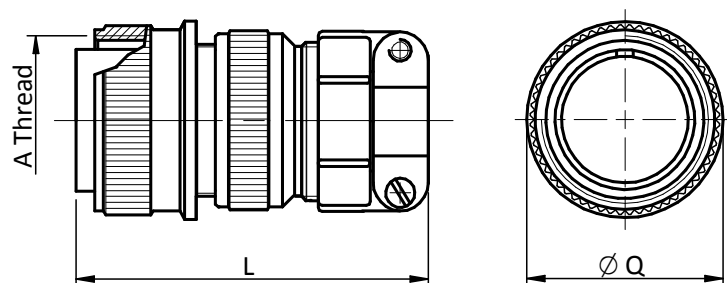
Description

A : Wall mounting receptacle. Includes backshell for cable clamp. MS 3057-XX A/B/C.

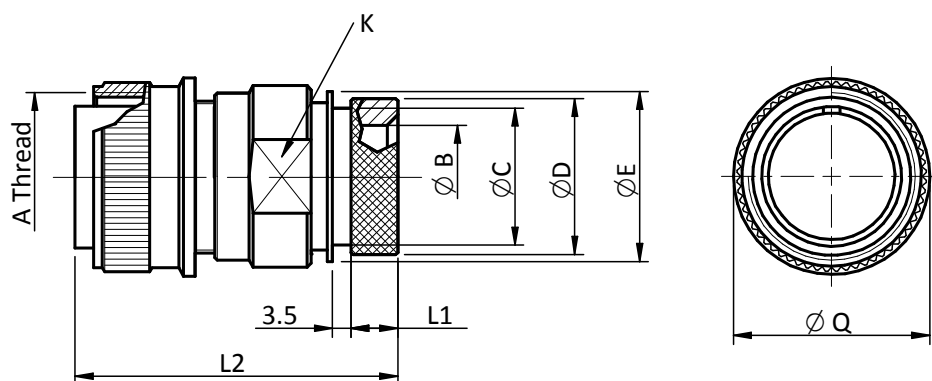
CGM : Wall mounting receptacle. Includes a CGM cable clamp for shielded or unshielded cables, that assures an excellent mechanical and waterproof seal if used with the correct neoprene sealing sleeves. No grommet supplied.

Straight Plug

RMSXX106F



RMSXX106GR



Technical Data

Shell Size	A Thread	ØB	ØC	ØD	ØE	K (Key)	L Max.	L1 Max.	L2 Max.	ØQ
10 SL	0.6250 - 24UNEF	8.6	13.0	15.5	17.0	20.0	55.0	8.2	53.0	24.1
14 S	0.8750 - 20UNEF	12.0	16.5	19.1	20.1	23.0	58.0	8.2	53.0	28.0
16 S	1.0000 - 20UNEF	14.5	24.9	23.9	23.5	26.0	60.0	8.2	53.0	31.5
16	1.0000 - 20UNEF	14.5	24.9	23.9	23.5	26.0	72.0	8.0	66.0	31.5
18	1.1250 - 18UNEF	17.5	21.7	23.9	26.5	28.0	78.0	8.0	66.0	34.0
20	1.1250 - 18UNEF	19.5	26.2	29.6	30.2	32.0	74.0	8.9	66.0	37.2
22	1.3750 - 18UNEF	22.0	26.2	29.6	33.6	36.0	74.0	8.9	66.0	40.4
24	1.5000 - 18UNEF	25.0	34.0	37.8	36.1	39.0	76.0	9.2	66.0	43.5
28	1.7500 - 18UNS	29.0	34.3	37.8	41.4	46.0	83.0	9.2	66.0	49.9
32	2.0000 - 18UNS	34.0	43.6	47.8	48.6	52.0	90.0	11.7	74.0	56.0
36	2.2500 - 16UN	38.5	43.6	47.8	54.8	58.0	97.0	11.7	84.0	62.5
40	2.5000 - 16UN	48.0	52.6	57.8	61.0	65.0	115.0	11.7	84.0	69.0

For Additional Information or Different Requests, Please Contact the Factory

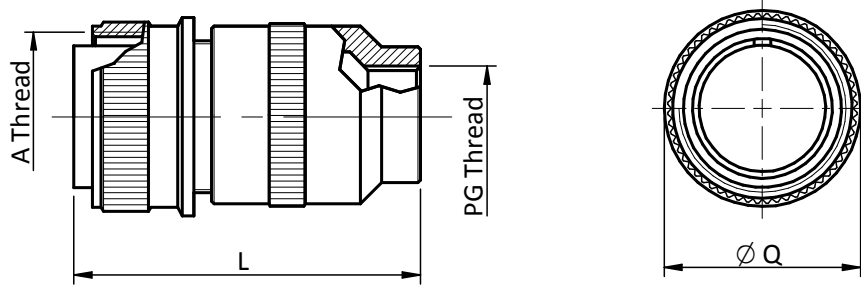
Description

F : Straight plug. Includes backshell for MS3057-XXA/B/C cable clamp. No grommet supplied.

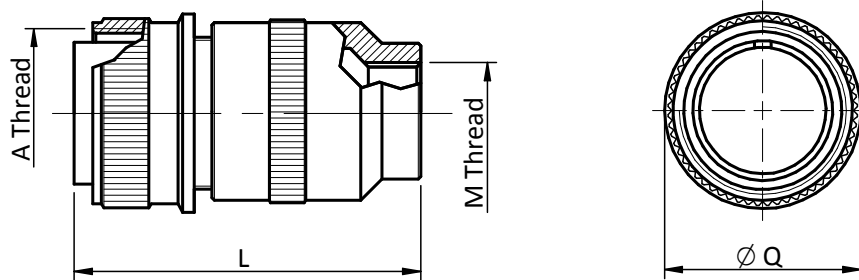
GR : Straight plug. Includes wire sealing grommet and backshell with rotating clamp nut for heat shrink tubing.

Straight Plug

RMSXX106A...PG



RMSXX106A...M



Technical Data

Shell Size	A Thread	L Max.	PG Thread	M Thread	ØQ
10 SL	0.6250 - 24UNEF	50.0	7 / 9 / 11	M12X1,5	24.1
14 S	0.8750 - 20UNEF	52.5	11 / 13,5	M16X1,5	28.0
16 S	1.0000 - 20UNEF	52.5	9 / 11 / 16	M16X1,5	31.5
16	1.0000 - 20UNEF	61.0	9 / 11 / 16	M16X1,5	31.5
18	1.1250 - 18UNEF	66.5	09 / 11 / 16 / 21	M20X1,5	34.0
20	1.1250 - 18UNEF	69.5	11 / 16 / 21	M25X1,5	37.2
22	1.3750 - 18UNEF	69.5	13.5 / 16 / 21	M25X1,5	40.4
24	1.5000 - 18UNEF	71.5	13.5 / 16 / 21 / 29	M32X1,5	43.5
28	1.7500 - 18UNS	76.5	16 / 21 / 29	M32X1,5	49.9
32	2.0000 - 18UNS	82.5	21 / 29	M36X1,5	56.0
36	2.2500 - 16UN	87.5	21 / 29 / 36	M40X1,5	62.5
40	2.5000 - 16UN	92.5	29 / 36	M40X1,5	69.0

For Additional Information or Different Requests, Please Contact the Factory

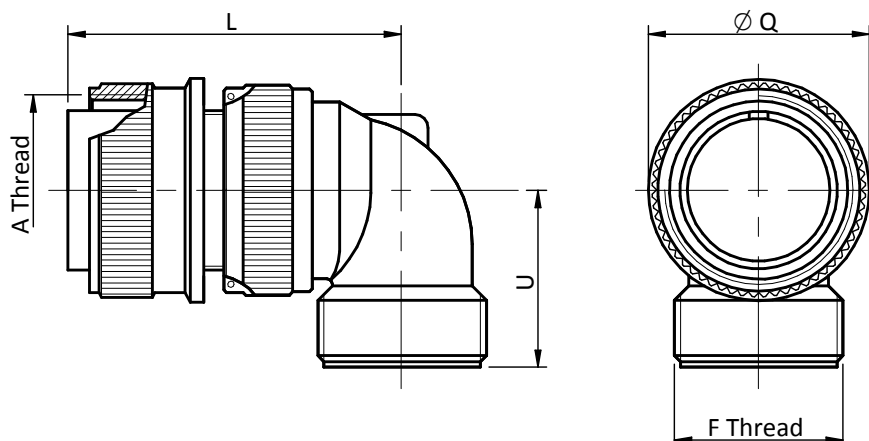
Description

PG : Straight plug with backshell for use with PG cable glands (not included). Other types of PG adaptors can be supplied in various sizes upon request.

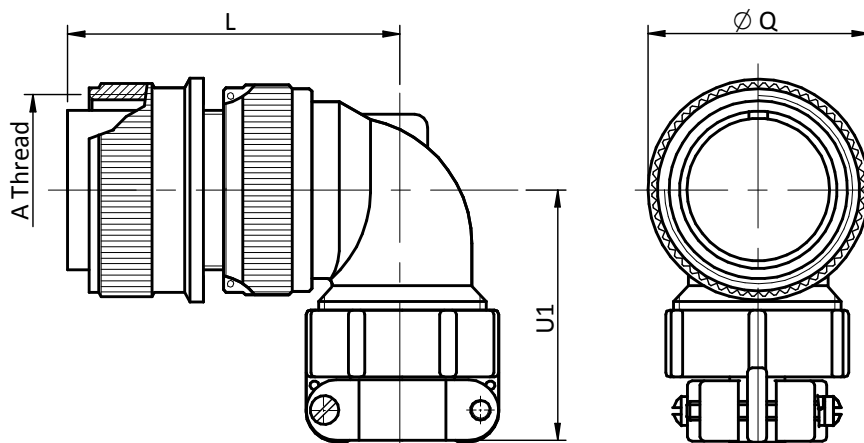
M : Straight plug with backshell for use with metric cable glands (not included). Other types of adaptors can be supplied in various sizes upon request.

90° Plug

RMSXX108A



RMSXX108F



Technical Data

Shell Size	A Thread	L Max.	Q ±0.2	U Max.	U1 Max.
10 SL	0.6250 - 24UNEF	40.0	24.1	25.0	36.0
14 S	0.8750 - 20UNEF	42.0	28.0	26.5	38.5
16 S	1.0000 - 20UNEF	46.0	31.5	27.0	41.0
16	1.0000 - 20UNEF	55.0	31.5	27.0	41.0
18	1.1250 - 18UNEF	57.0	34.0	30.0	50.0
20	1.1250 - 18UNEF	62.0	37.2	32.0	48.0
22	1.3750 - 18UNEF	62.0	40.4	32.0	48.0
24	1.5000 - 18UNEF	67.0	43.5	37.0	54.0
28	1.7500 - 18UNS	67.0	49.9	38.0	55.0
32	2.0000 - 18UNS	72.0	56.0	45.5	64.5
36	2.2500 - 16UN	75.0	62.5	47.2	67.2
40	2.5000 - 16UN	78.0	69.0	52.0	91.0

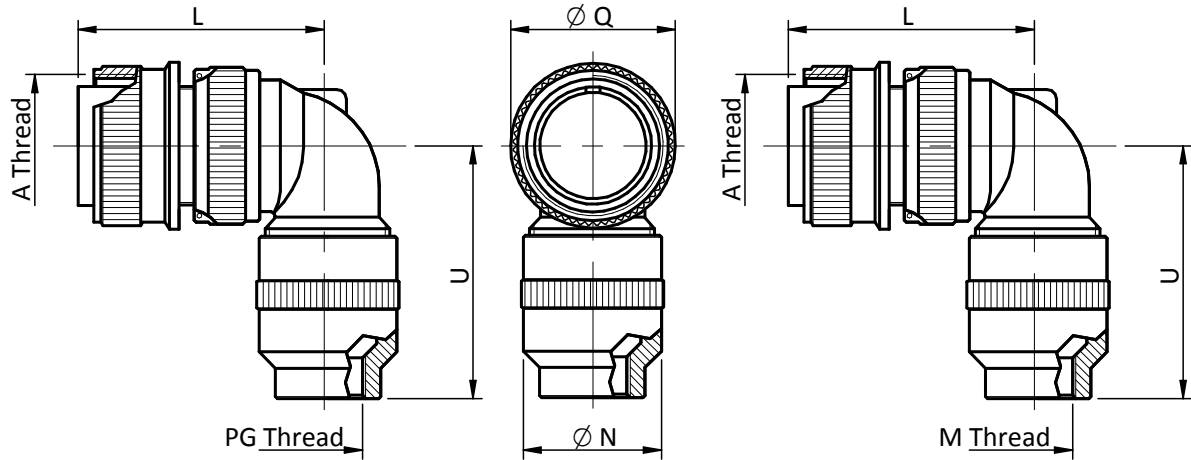
For Additional Information or Different Requests, Please Contact the Factory

Description

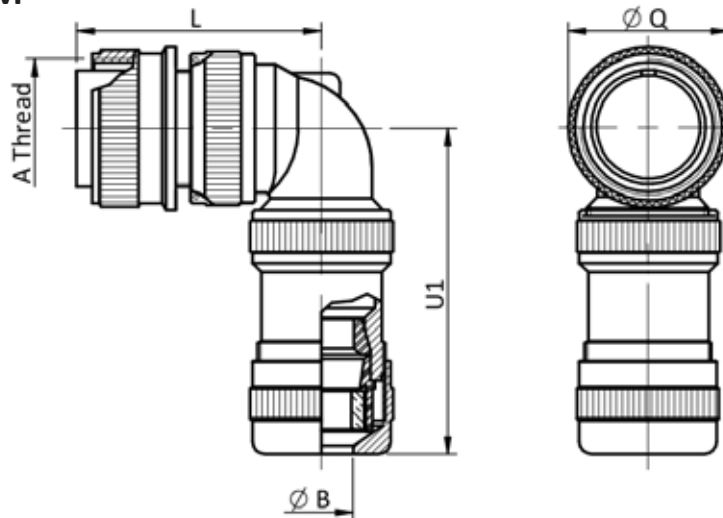
A : Plug with 90° backshell. No grommet supplied**F** : Plug complete with 90° backshell. Includes insulating grommet and class A cable clamp MS 3057 type.

90° Plug

RMSXX108 A...PG and M



RMSXX108A...CGM



Technical Data

Shell Size	A Thread	L Max.	PG Thread	M Thread	U Max.	U1 Max.	CGM Size	B Min. - Max.	Q ±0.2
10 SL	0.6250 - 24UNEF	40	7 / 9 / 11	M12X1,5	50.0	60.0	9	2 - 9	24.1
14 S	0.8750 - 20UNEF	42	11 / 16	M16X1,5	51.0	61.5	11	2 - 11	28.0
16 S	1.0000 - 20UNEF	46	11 / 16	M16X1,5	51.5	60.0	11	2 - 11	31.5
16	1.0000 - 20UNEF	55	11 / 16	M16X1,5	51.5	60.0	11	2 - 11	31.5
18	1.1250 - 18UNEF	57	11 / 13.5 / 16 / 21	M20X1,5	54.5	67.0	11 / 15	2 - 11 / 2 - 16.5	34.0
20	1.1250 - 18UNEF	62	16 / 21 / 29	M25X1,5	56.5	69.0	11 / 15	2 - 11 / 2 - 16.5	37.2
22	1.3750 - 18UNEF	62	16 / 21 / 29	M25X1,5	56.5	69.0	18	2 - 16.5	40.4
24	1.5000 - 18UNEF	67	16 / 21 / 29	M32X1,5	61.5	78.0	18 / 22 / 24	2 - 16.5 / 15 - 20 / 19 - 24	43.5
28	1.7500 - 18UNS	67	16 / 21 / 29	M32X1,5	62.5	79.0	18 / 22 / 24	2 - 16.5 / 15 - 20 / 19 - 24	49.9
32	2.0000 - 18UNS	72	21 / 29	M36X1,5	75.0	90.5	22 / 24	15 - 20 / 19 - 24	56.0
36	2.2500 - 16UN	75	21 / 29	M40X1,5	82.0	92.2	35	23 - 35	62.5
40	2.5000 - 16UN	78	21 / 29 / 36	M40X1,5	87.5	97.0	35	23 - 35	69.0

For Additional Information or Different Requests, Please Contact the Factory

Description

PG : 90° backshell for use with PG cable glands (not included).**M** : 90° backshell for use with metric cable glands (not included).**CGM** : Plug with 90° backshell. Includes a CGM cable clamp that assures an excellent mechanical and waterproof seal if used with the correct neoprene sealing sleeves. No grommet supplied.

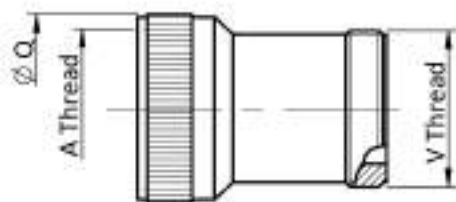
ACCESSORIES : Backshells for plug connectors

Long Backshell for Plug Connectors

RMS 101 - Size - L XX

Description:

L : Long Backshell, used instead of the standard one in order to make the wiring easier.



Technical Data

Shell Size	A Thread	L Max.	Q ±0.2	V Thread
10 SL	0.6250 - 24UNEF	70.0	24.1	0.6250 - 24UNEF
14 S	0.8750 - 20UNEF	70.0	28.0	0.7500 - 20UNEF
16 S	1.0000 - 20UNEF	70.0	31.5	0.8750 - 20UNEF
16	1.0000 - 20UNEF	80.0	31.5	0.8750 - 20UNEF
18	1.1250 - 18UNEF	80.0	34.0	1.0000 - 20UNEF
20	1.1250 - 18UNEF	80.0	37.2	1.1875 - 18UNEF
22	1.3750 - 18UNEF	80.0	40.4	1.1875 - 18UNEF
24	1.5000 - 18UNEF	90.0	43.5	1.4375 - 18UNEF
28	1.7500 - 18UNS	90.0	49.9	1.4375 - 18UNEF
32	2.0000 - 18UNS	90.0	56.0	1.7500 - 16UN
36	2.2500 - 16UN	90.0	62.5	2.0000 - 16UN
40	2.5000 - 16UN	90.0	69.0	2.2500 - 16UN

For Additional Information or Different Requests, Please Contact the Factory

PG and Metric Adaptor - Threaded hole

RMS 102 - Size - PG XX - XX

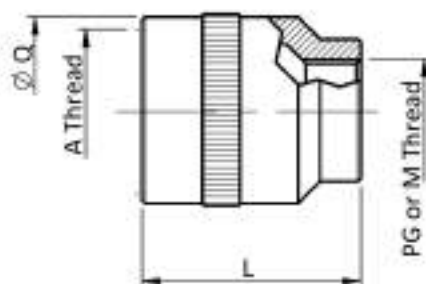
RMS 102 - Size - M XX - XX

Description:

PG : Adaptor for PG cable gland for use with class A.

M : Adaptor for Metric cable gland for use with class A straight plugs.

Shell Finish, Omitted for Standard



Technical Data

Shell Size	A Thread	L Max.	Q ±0.2	PG Thread	M Thread
10 SL	0.6250 - 24UNEF	30.0	22.5	7 / 9 / 11	M12X1,5
14 S	0.8750 - 20UNEF	32.0	23.5	11 / 13.5	M16X1,5
16 S	1.0000 - 20UNEF	32.0	25.5	9 / 11 / 16	M16X1,5
16	1.0000 - 20UNEF	32.0	25.5	9 / 11 / 16	M16X1,5
18	1.1250 - 18UNEF	40.0	30.5	11 / 13.5 / 16 / 21	M20X1,5
20	1.1250 - 18UNEF	42.0	35.5	16 / 21 / 29	M25X1,5
22	1.3750 - 18UNEF	42.0	35.5	16 / 21 / 29	M25X1,5
24	1.5000 - 18UNEF	42.0	40.5	16 / 21 / 29	M32X1,5
28	1.7500 - 18UNS	47.0	45.5	16 / 21 / 29	M32X1,5
32	2.0000 - 18UNS	52.0	52.5	21 / 29	M36X1,5
36	2.2500 - 16UN	57.0	60.0	21 / 29	M40X1,5
40	2.5000 - 16UN	62.0	63.5	21 / 29 / 36	M40X1,5

For Additional Information or Different Requests, Please Contact the Factory

For All Finishes Please See the Table at Page 4, Omitted for Standard

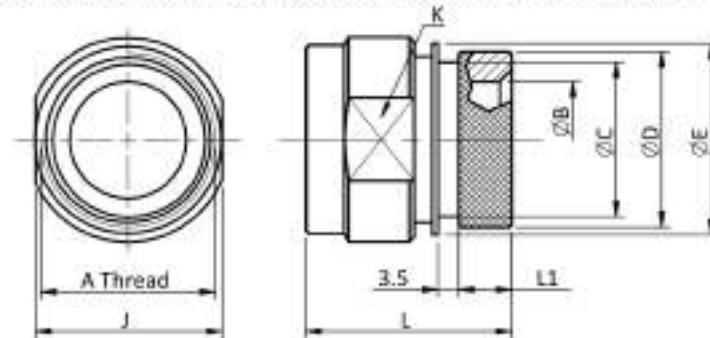
ACCESSORIES : Backshells for plug connectors

GR Adaptor

RMS 104 - Size - GRXX

Description:

GR : Backshell with rotating clamp nut for terminating shielded cable with a "braid trap" nut and heat shrink tubing.



Technical Data

Shell Size	A Thread	ØB Min.	ØC ±0.1	ØD ±0.2	ØE ±0.2	L (Key)	L Max.	L1 ±0.1
10 SL	0.6250 - 24UNEF	8.5	13.0	15.5	17.0	20	35.0	8.2
14 S	0.7500 - 20UNEF	12.0	16.5	19.1	20.1	23	35.0	8.2
16 S	0.8750 - 20UNEF	14.5	21.5	23.9	23.5	26	35.0	8.2
16	0.8750 - 20UNEF	14.5	21.5	23.9	23.5	26	40.0	8.0
18	1.0000 - 20UNEF	17.5	21.7	23.9	26.5	28	40.0	8.0
20	1.1250 - 18UNEF	19.5	26.0	29.8	30.5	32	40.0	8.9
22	1.2500 - 18UNEF	22.0	26.0	29.8	33.6	36	40.0	8.9
24	1.3750 - 18UNEF	25.0	34.5	37.8	38.1	39	40.0	9.2
28	1.6250 - 18UNEF	29.0	34.3	37.8	41.4	46	40.0	9.2
32	1.8750 - 16UN	34.0	43.6	47.8	48.8	52	43.0	11.7
36	2.0625 - 16UN	38.5	43.6	47.8	64.8	58	45.0	11.7
40	2.3125 - 16UN	48.0	52.6	57.8	69.9	65	45.0	11.7

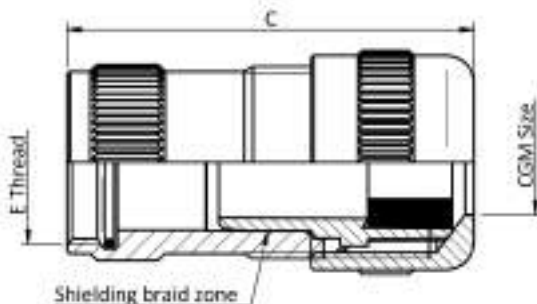
For Additional Information or Different Requests, Please Contact the Factory

CGM Backshell (for Shielded or Unshielded Cables)

Straight version : RMSCGM - XX - XX

90° version : RMSCGMRA - XX - XX

Shell Finish, Omitted for Standard



CGM Size	Cable Range (mm)
9	2 - 9
11	3 - 11
18	10 - 18
21	15 - 21
24	19 - 24

Shell Size	C (Max)	Available CGM (1)	E Thread (for Straight)	E Thread (for 90°)
10SL	55	9	5/8" - 24 NEF	5/8" - 24 UNEF
14S		11	3/4" - 20 NEF	3/4" - 20 UNEF
16S	40 (90°)	11	7/8" - 20 NEF	7/8" - 20 UNEF
16		11	7/8" - 20 NEF	7/8" - 20 UNEF
18	65	11 - 18	1" - 20 NEF	1" - 20 UNEF
20		11 - 18	1.1/8" - 18 UNEF	1" 3/16 - 18 UNEF
22	50 (90°)	11 - 18	1.1/4" - 18 UNEF	1" 3/16 - 18 UNEF
24		18 - 21	1.3/8" - 18 NEF	1" 7/16 - 18 UNEF
28	75	18 - 21	1.5/8" - 18 UNEF	1" 7/16 - 18 UNEF
32		21 - 24	1.7/8" (US)	1" 3/4 - 18 UNS
36	90	Please contact the factory	21/16 - 16 UNS	2" 16 UN
40			25/16 - 16 UNS	2" 1/4 - 16 UN

Note 1: Different non standard CGM sizes available, please contact factory

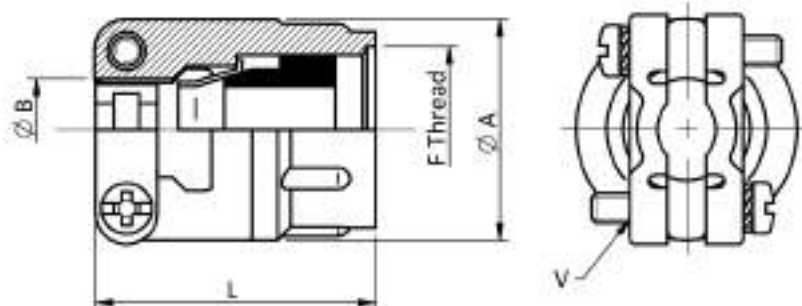
For All Finishes Please See the Table at Page 4, Omitted for Standard

Cable Clamps

RMS 3057 - XXA

Description:

RMS 3057 - XXA : General duty cable clamp suitable for jacketed or multipolar cable or wires protected by tubing.



Technical Data

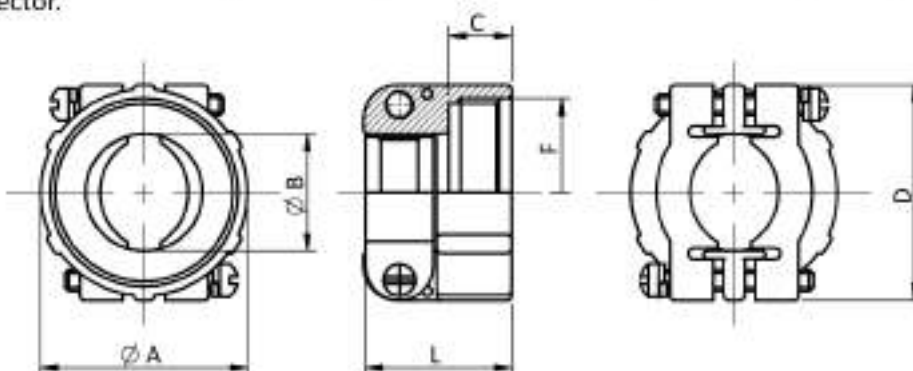
Part Number	Shell Size	Sleeve to Use	ØA	ØB	C	L	F Thread
RMS 3057- 4A	10 SL	RMS 3420 - 4A	25.0	8.2	10.2	21.0	0.6250 - 24UNEF
RMS 3057- 6A	14 S	RMS 3420 - 4A / 6A	27.0	11.2	10.2	22.2	0.7500 - 20UNEF
RMS 3057- 8A	16 S - 16	RMS 3420 - 6A / 8A	28.0	14.2	10.2	24.0	0.8750 - 20UNEF
RMS 3057-10A	18	RMS 3420 - 6A / 10A	33.0	16.0	10.2	28.5	1.0000 - 20UNEF
RMS 3057-12A	20 - 22	RMS 3420 - 8A / 12A	35.0	19.0	10.2	24.0	1.1875 - 18UNEF
RMS 3057-16A	24 - 28	RMS 3420 - 8A / 12A / 16A	43.0	23.8	10.5	26.0	1.4375 - 18UNEF
RMS 3057-20A	32	RMS 3420 - 12A / 16A / 20A	51.0	31.7	12.5	28.0	1.7500 - 18UNS
RMS 3057-24A	36	RMS 3420 - 16A / 18A / 24A	58.0	35.0	14.0	29.4	2.0000 - 18UNS
RMS 3057-28A	40	RMS 3420 - 16A / 20A / 28A	65.0	41.2	14.0	42.8	2.2500 - 16UN

For Additional Information or Different Requests, Please Contact the Factory

RMS 3057 - XXC

Description:

RMS 3057 - XXC : Waterproof cable clamp suitable for jacketed cable or wires protected by tubing. Assures water-tight integrity of connector.



Technical Data

Part Number	Shell Size	Sleeve to Use	ØA	ØB	C	L	F Thread
RMS 3057- 4C	10 SL	RMS 3420 - 4A	25.0	8.2	10.2	21.0	0.6250 - 24UNEF
RMS 3057- 6C	14 S	RMS 3420 - 4A / 6A	27.0	11.2	10.2	22.2	0.7500 - 20UNEF
RMS 3057- 8C	16 S - 16	RMS 3420 - 6A / 8A	28.0	14.2	10.2	24.0	0.8750 - 20UNEF
RMS 3057-10C	18	RMS 3420 - 6A / 10A	33.0	16.0	10.2	28.5	1.0000 - 20UNEF
RMS 3057-12C	20 - 22	RMS 3420 - 8A / 12A	35.0	19.0	10.2	24.0	1.1875 - 18UNEF
RMS 3057-16C	24 - 28	RMS 3420 - 8A / 12A / 16A	43.0	23.8	10.5	26.0	1.4375 - 18UNEF
RMS 3057-20C	32	RMS 3420 - 12A / 16A / 20A	51.0	31.7	12.5	28.0	1.7500 - 18UNS
RMS 3057-24C	36	RMS 3420 - 16A / 18A / 24A	58.0	35.0	14.0	29.4	2.0000 - 18UNS
RMS 3057-28C	40	RMS 3420 - 16A / 20A / 28A	65.0	41.2	14.0	42.8	2.2500 - 16UN

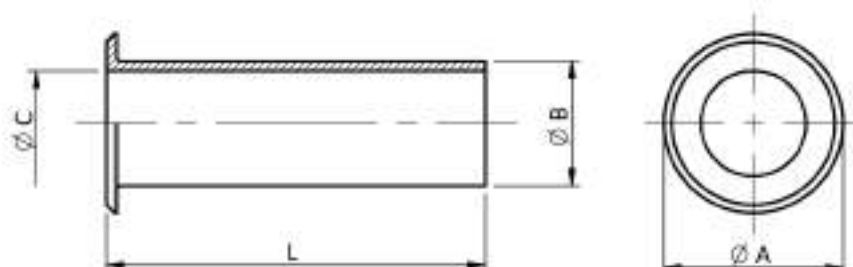
For All Finishes Please See the Table at Page 4, Omitted for Standard

Neoprene Sleeves

RMS 3420 - XX

Description:

Neoprene sleeve for protection and reduction, used with class A cable clamps.



Technical Data

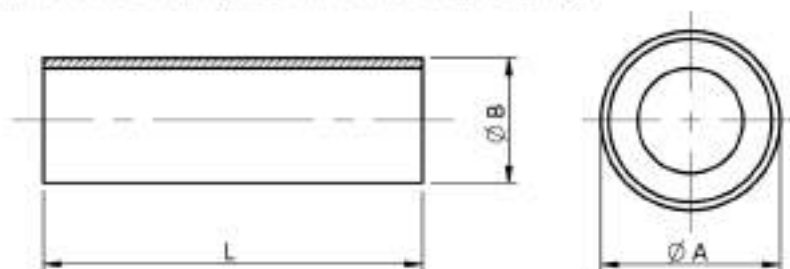
Part Number	ØA ±0.1	ØB ±0.1	ØC ±0.1	L ±0.1
RMS 3420 - 4	12.8	7.67	5.58	69.8
RMS 3420 - 6	15.7	10.84	7.92	66.8
RMS 3420 - 8	18.8	14.02	11.09	63.5
RMS 3420 - 10	22.0	15.62	14.27	60.3
RMS 3420 - 12	27.0	18.79	15.87	57.1
RMS 3420 - 16	33.3	23.54	19.05	53.9
RMS 3420 - 20	40.5	31.49	23.79	50.8
RMS 3420 - 24	46.9	34.67	31.75	47.6
RMS 3420 - 28	52.9	40.99	34.92	44.4

For Additional Information or Different Requests, Please Contact the Factory

RMS 3420 - XXA

Description:

Neoprene sleeve for protection and reduction, used with class C cable clamps.



Technical Data

Part Number	ØA ±0.1	ØB ±0.1	L ±0.1
RMS 3420 - 4A	7.63	5.56	50.5
RMS 3420 - 6A	10.50	7.93	50.5
RMS 3420 - 8A	13.50	11.10	50.5
RMS 3420 - 10A	15.70	11.10	50.5
RMS 3420 - 12A	18.50	13.74	50.9
RMS 3420 - 16A	23.60	19.00	50.9
RMS 3420 - 20A	31.10	23.80	50.2
RMS 3420 - 24A	33.90	28.50	51.1
RMS 3420 - 28A	40.60	31.80	50.2
RMS 3420 - 29A	45.00	41.00	50.5

For Additional Information or Different Requests, Please Contact the Factory

For All Finishes Please See the Table at Page 4

Connector Threaded Caps

RMS 25042 - XX - XX

Description:

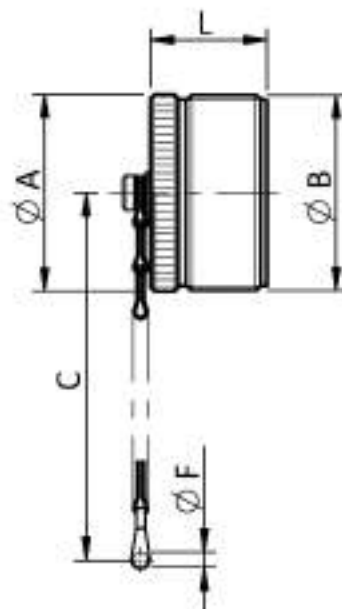
Threaded Metal cap for Plug Connectors with stainless steel chain.

Shell Finish, Omitted for Standard.

Technical Data

Part Number	Connector Size	ØA Max.	B Thread	C min.	ØF 10.25 / -0.13	L
RMS 25042 - 10SL	10SL	17.4	0.6250 - 24UNEF	102.0	3.95	16.6
RMS 25042 - 14	14 - 14S	23.7	0.8750 - 20UNEF	115.0	3.95	21.4
RMS 25042 - 16	16 - 16S	26.9	1.0000 - 20UNEF	115.0	3.95	21.4
RMS 25042 - 18	18	30.0	1.1250 - 18UNEF	115.0	3.95	21.4
RMS 25042 - 20	20	33.0	1.2500 - 18UNEF	127.0	4.80	21.4
RMS 25042 - 22	22	36.4	1.3750 - 18UNEF	127.0	4.80	21.4
RMS 25042 - 24	24	39.6	1.5000 - 18UNEF	140.0	4.80	21.4
RMS 25042 - 28	28	46.0	1.7500 - 18UNS	197.0	4.80	21.4
RMS 25042 - 32	32	52.0	2.0000 - 18UNS	197.0	5.60	21.4
RMS 25042 - 36	36	58.7	2.2500 - 16UN	197.0	5.60	21.4
RMS 25042 - 40	40	65.0	2.5000 - 16UN	197.0	5.60	21.4

For Additional Information or Different Requests, Please Contact the Factory



RMS 25043 - XX - XX

Description:

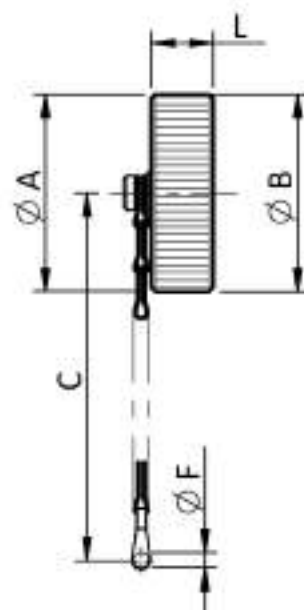
Threaded Metal cap for Receptacle Connectors with stainless steel chain.

Shell Finish, Omitted for Standard.

Technical Data

Part Number	Connector Size	ØA Max.	B Thread	C min.	ØF 10.25 / -0.13	L
RMS 25043 - 10SL	10SL	20.7	0.6250 - 24UNEF	102.0	3.55	11.9
RMS 25043 - 14	14 - 14S	28.6	0.8750 - 20UNEF	115.0	3.55	11.9
RMS 25043 - 16	16 - 16S	30.2	1.0000 - 20UNEF	115.0	3.55	11.9
RMS 25043 - 18	18	34.1	1.1250 - 18UNEF	115.0	3.55	11.9
RMS 25043 - 20	20	37.3	1.2500 - 18UNEF	127.0	3.55	11.9
RMS 25043 - 22	22	40.4	1.3750 - 18UNEF	127.0	3.55	11.9
RMS 25043 - 24	24	43.6	1.5000 - 18UNEF	140.0	4.30	11.9
RMS 25043 - 28	28	50.0	1.7500 - 18UNS	197.0	4.30	13.5
RMS 25043 - 32	32	56.3	2.0000 - 18UNS	197.0	4.80	13.5
RMS 25043 - 36	36	62.7	2.2500 - 16UN	197.0	4.80	13.5
RMS 25043 - 40	40	69.0	2.5000 - 16UN	197.0	4.80	13.5

For Additional Information or Different Requests, Please Contact the Factory



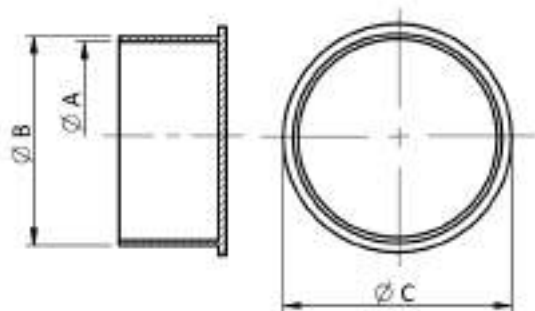
Protective plastic cap

RMS 90376

Description:

Cap for protection against dust. The R version is for use with receptacles, the Y version for plugs.

Technical Data



Part Number	Shell Size	ØA ±0.25	ØB ±0.25	ØC ±0.78
RMS 90376-10R	Plug 10SL	15.37	16.89	21.33
RMS 90376-14R	Plug 14S	21.59	22.99	28.57
RMS 90376-16R	Plug 16S - 16	24.71	26.29	30.99
RMS 90376-18R	Plug 18	27.76	29.34	33.78
RMS 90376-20R	Plug 20	31.28	33.04	37.21
RMS 90376-22R	Plug 22	34.04	35.81	40.38
RMS 90376-24R	Plug 24	37.16	39.94	43.18
RMS 90376-28R	Plug 28	43.56	45.46	49.53
RMS 90376-32R	Plug 32	49.91	51.82	56.32
RMS 90376-36R	Plug 36	56.26	58.16	61.85
RMS 90376-40R	Plug 40	61.98	64.26	67.55

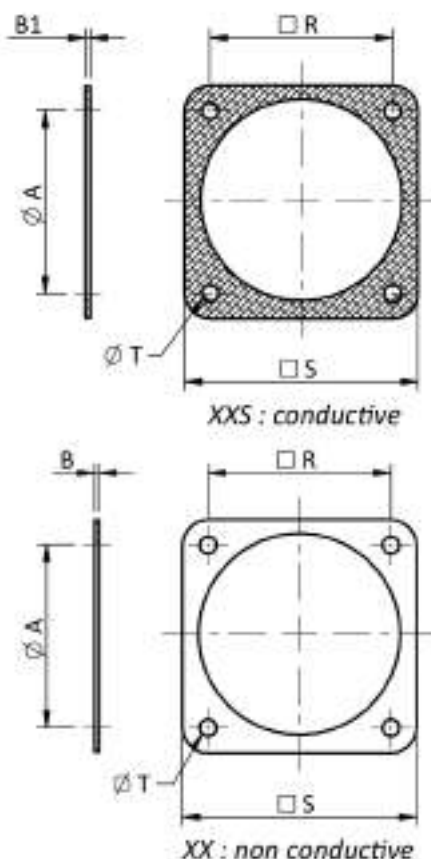
For Additional Information or Different Requests, Please Contact the Factory

Gasket for fixed connectors

RMS 40450 - XX

Description:

Gasket for square flange receptacles, XX = non conductive and XXS = conductive.



Technical Data

Part Number	Shell Size	ØA +1	R ±0.2	S ±0.5	ØT +0.5
RMS 40450 - 10	10SL	15.7	18.2	25.4	4.2
RMS 40450 - 14	14S	22.1	23.0	30.0	4.2
RMS 40450 - 16	16S - 16	25.3	24.6	32.5	4.2
RMS 40450 - 18	18	28.4	27.0	35.0	4.2
RMS 40450 - 20	20	31.6	29.4	38.0	4.2
RMS 40450 - 22	22	34.8	31.8	41.0	4.2
RMS 40450 - 24	24	38.0	34.9	44.5	4.2
RMS 40450 - 28	28	44.3	39.7	50.8	5.1
RMS 40450 - 32	32	50.7	44.5	57.0	5.1
RMS 40450 - 36	36	57.0	49.2	63.5	5.1
RMS 40450 - 40	40	61.9	55.5	69.9	5.1

For Additional Information or Different Requests, Please Contact the Factory



R.E.C.

The New Connector Company



R.E.C. Headquarter

Viale A. De Gasperi 101/103
20017 Mazzo di Rho - Milan - Italy
Tel. +39 02 93909018 - Fax +39 02 93901089
e-mail: sales@recitalia.it
www.recitalia.it



R.E.C. QR Code for Android and Iphone.

Please turn your smartphone display over the QR Code on the left.
Automatically connecting to the R.E.C. Website and Product Library Download
Page. Consult every Technical Information and quickly enjoy all about R.E.C.
Connector Production and Distribution.

R.E.C. Authorized Reseller