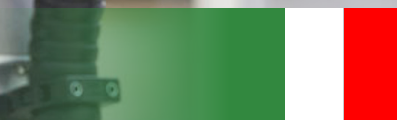




Connitek



CKM CONNECTORS

**MIL-C-5015 POWER AND SIGNAL THREADED
CONNECTORS FOR RUGGED MILITARY
AND INDUSTRIAL APPLICATIONS**



NOVEMBER 2022

 Connitek® CKM Connector Series

Introducing CKM Connector Series

CKM 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 **CKM** 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. CKM 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 Platings

COMPONENT	MATERIAL	FINISH
Contacts	Copper Alloy	Silver plated (standard) Gold plated (optional)
Insulator	Polichloroprene -55 + 125°C (standard) Fire Resistant Elastomer (optional)	None
Shells, Coupling Nut, Backshells	Aluminum Alloy (standard) Stainless Steel (optional)	Bright Nickel Black Zinc-Nickel Electroless Nickel Black Cataphoretic Paint None

1

T50 - Bright Nickel

RoHS Compliant



T51 - Black Zinc-Nickel

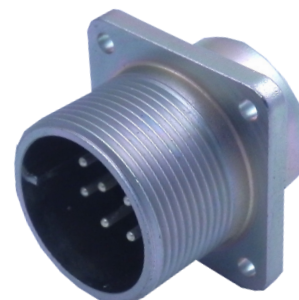
T55 - Black Cataforetic paint

RoHS Compliant



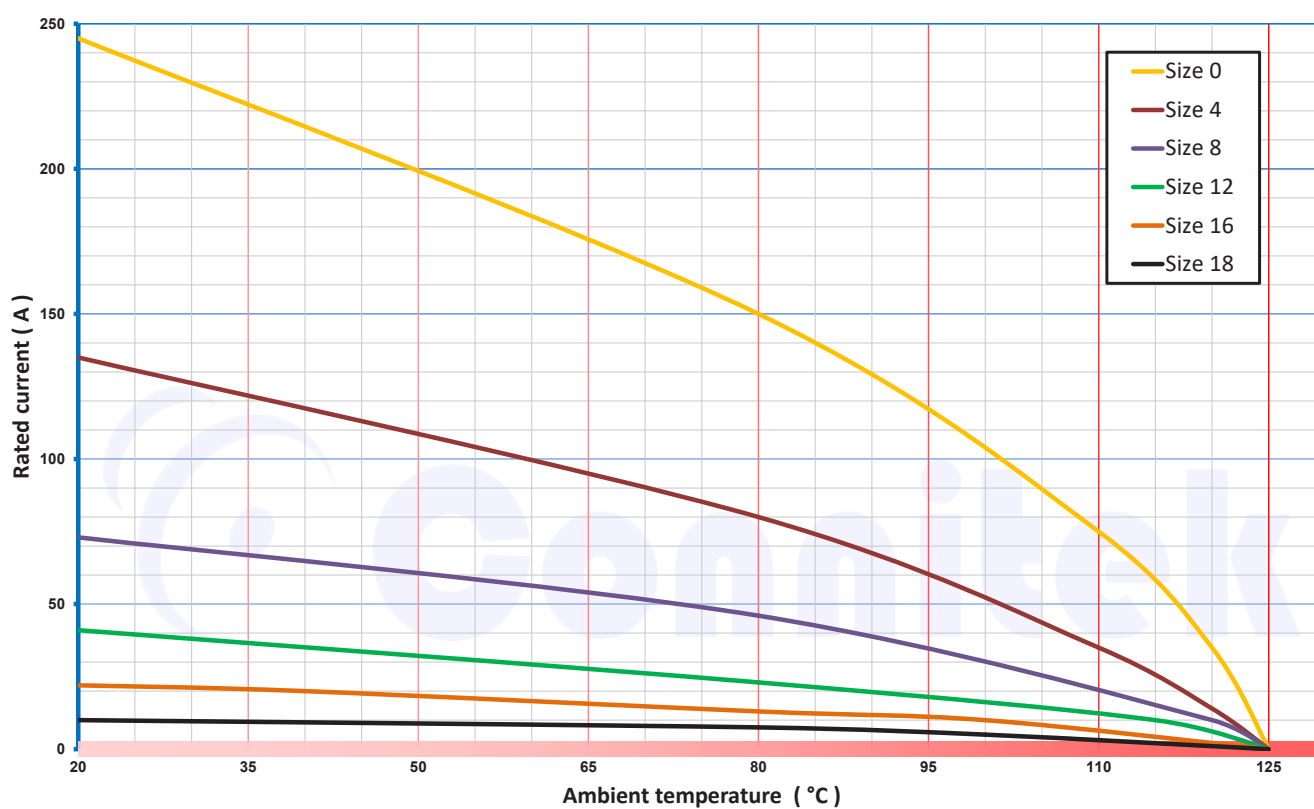
T59 - Electroless Nickel

RoHS Compliant



Contacts

Contact Size	Rated Current at 20°C	Rated Current at 80°C	Max Contact Resistance	Wire Size
18	10 A	7.5 A	12.0 mΩ	18÷26 AWG
16	22 A	13 A	6.0 mΩ	16÷22 AWG
12	41 A	23 A	3.0 mΩ	12-14 AWG
8	73 A	46 A	1.0 mΩ	8-10 AWG
4	135 A	80 A	0.5 mΩ	4-6 AWG
0	245 A	150 A	0.3 mΩ	0÷2 AWG



1

Insulator Service Rating

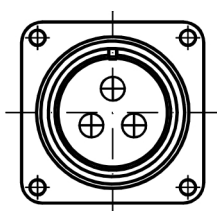
Class	Operating Voltage Vdc	Operating Voltage Vac RMS	Test Voltage Vac RMS
INST.	250 V	200 V	1000 V
A	700 V	500 V	2000 V
D	1250 V	900 V	2800 V
E	1750 V	1250 V	3500 V
B	2450 V	1750 V	4500 V
C	4200 V	3000 V	7000 V

Insert Arrangements

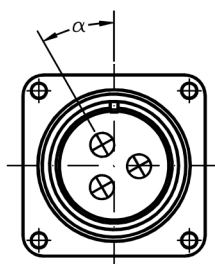
INSERT ARRANGEMENT	SERVICE RATING	CONTACT NUMBER	CONTACT SIZE					ALTERNATE POSITION - DEGREE			
			0	4	8	12	16	W	X	Y	Z
10SL-3	A	3					3				
10SL-4	A	2					2				
14S-2	I	4					4		120	240	
14S-5	I	5					5		110		
14S-6	I	6					6	90			
14S-7	A	3					3	90	180	270	
14S-9	A	2					2	70	145	215	290
14S-A7	I	7					7				
16S-1	A	7					7	80			280
16S-4	D	2					2	35	110	250	325
16S-5	A	3					3	70	145	215	290
16S-8	A	5					5		170	265	
16-7	A	3			1		2	80	110	250	280
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	I	10					10	70	145	215	290
18-3	D	2				2		35	110	250	325
18-4	D	4					4	35	110	250	325
18-6	D	1		1							
18-06	A	6				4	2		180		
18-8	A	8				1	7	70			290
18-9	I	7				2	5	80	110	250	280
18-10	A	4				4			120	240	
18-11	A	5				5			170	265	
18-12	A	6					6	80			280
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	
20-6	D	3				3		70	145	215	290
20-7	A	8					8	80	110	250	280

Insert Arrangements Alternate Position

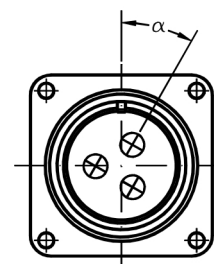
Normal Position



Alternate Position with socket contacts



Alternate Position with pin contacts



* 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
20-11	I	13					13				
20-15	A	7				7		80			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	
20-21	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				280
20-A48	I	19					19		80	220	
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
22-7	E	1	1								
22-9	E	3				3		70	145	215	290
22-12	D	5			2		3	80	110	250	280
22-14	A	19					19	80	110	250	280
22-19	A	14					14	80	110	250	280
22-21	A	3	1				2	80	110	250	280
22-22	A	4			4				110	250	
22-23	A	8				8		35		250	
22-28	A	7				7		80			280
24-2	D	7				7		80			280
24-5	A	16					16	80	110	250	280
24-6	A	8				8		80	110	250	280
24-06	D	6			4		2	40			320
24-7	A	16				2	14	80	110	250	280
24-07	D	7				7			80		280
24-9	A	2		2				35	110	250	325
24-10	A	7			7			80			280
24-11	A	9			3	6		35	110	250	325
24-19	A	12					12				

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

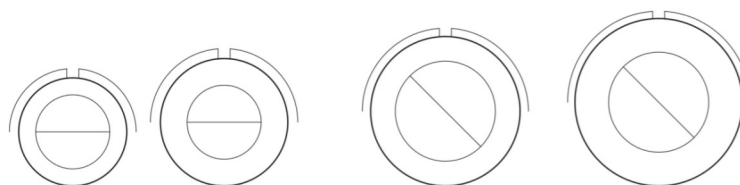
INSERT ARRANGEMENT	SERVICE RATING	CONTACT NUMBER	CONTACT SIZE						ALTERNATE POSITION - DEGREE			
			0	4	8	12	16	18	W	X	Y	Z
24-12	A	5		2		3			80	110	250	280
24-20	D	11				2	9		80	110	250	280
24-22	D	4			4				45	110	250	
24-A25	A	25					25		80	110	250	280
24-27	E	7					7		80			280
24-28	I	24					24		80	110	250	280
24-A28	I	28					28		65	146	235	
28-1	A	9			3	6			80	110	250	280
28-2	D	14				2	12		35	110	250	325
28-3	E	3			3				70	145	215	290
28-6	D	3		3					70	145	215	290
28-9	D	12				6	6		80	110	250	280
28-A9	A	9		4			5		110	250	260	280
28-10	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
28-18	I	12					12		70	145	215	290
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	D	5	2			3			80	110	250	280
32-2	E	5		3			2		70	145	215	290
32-5	D	2	2						35	110	250	325
32-6	A	23		2	3	2	16		80	110	250	280
32-7	I	35				7	28		80	125	235	280
32-8	A	30				6	24		80	125	235	280
32-9	D	14		2			12		80	110	250	280
32-13	D	23				5	18		80	110	250	280
32-013	D	13				13			65	130	230	295
32-15	D	8	2			6			35	110	250	280
32-17	D	4		4					45	110	250	
32-A55	A	55					55		80	110	250	280
32-22	A	54					54		80	110	250	280
32-59	A	42			2		40		36	108	252	324
32-68	A	16		4			12		65	135	225	275
36-3	D	6	3			3			70	145	215	290
36-5	A	4	4							120	240	
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
36-15	A	35					35		60	125	245	305
40-9	A	47			1	22	24		65	125	225	310
40-35	D	35				35			70	130	230	290
40-53	A	60					60		80	110	250	280
40-56	A	31					85		72	144	216	288
40-A150	I	150						150				

Front View of Pin Inserts

Contact Size Legend

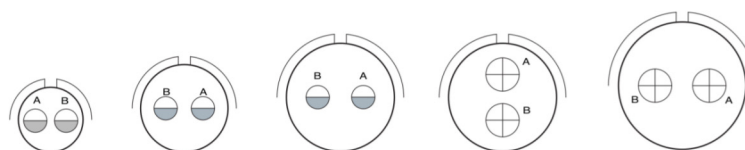


1 CONTACT

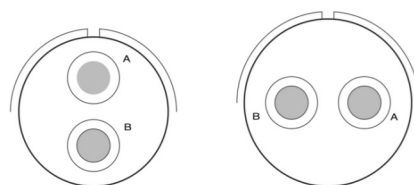


ARRANGEMENT	16-12	18-6	20-2	22-7
NO. OF CONTACTS	1	1	1	1
CONTACT SIZE	4	4	0	0
SERVICE RATING	A	D	D	E

2 CONTACTS



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



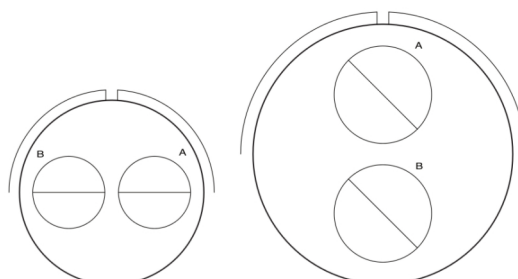
ARRANGEMENT	20-23	22-1
NO. OF CONTACTS	2	2
CONTACT SIZE	2-8	2-8
SERVICE RATING	A	D

Front View of Pin Inserts

Contact Size Legend

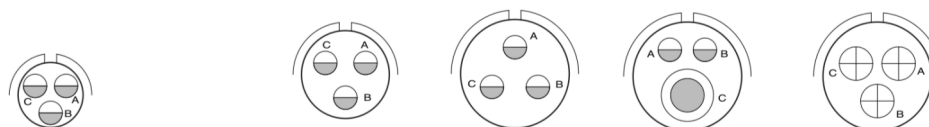


2 CONTACTS

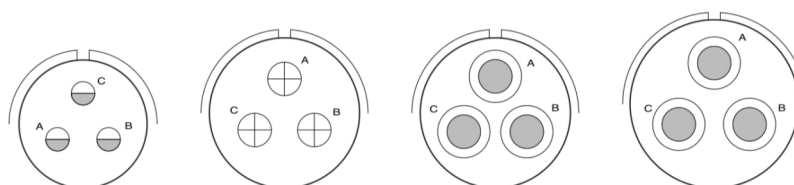


ARRANGEMENT	24-9	32-5
NO. OF CONTACTS	2	2
CONTACT SIZE	2-4	2-0
SERVICE RATING	A	D

3 CONTACTS



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



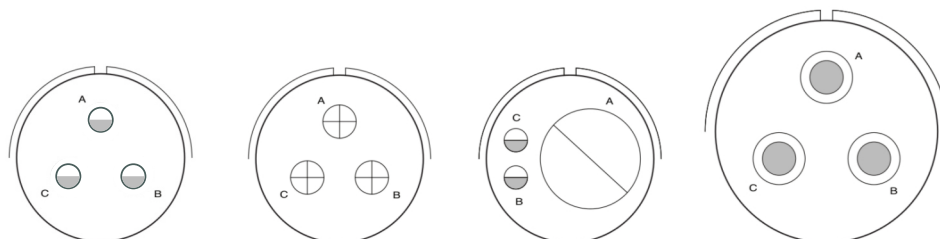
ARRANGEMENT	18-22	20-3	20-19	22-2
NO. OF CONTACTS	3	3	3	3
CONTACT SIZE	3-16	3-12	3-8	3-8
SERVICE RATING	D	D	A	D

Front View of Pin Inserts

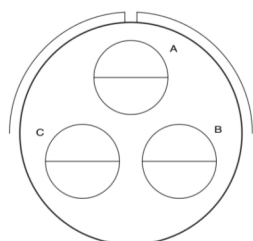
Contact Size Legend



3 CONTACTS

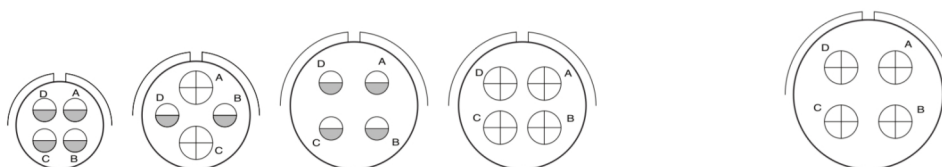


ARRANGEMENT	20-6	22-9	22-21	28-3
NO. OF CONTACTS	3	3	3	3
CONTACT SIZE	16	3-12	1-0, 2-16	3-8
SERVICE RATING	D	E	A	E



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

4 CONTACTS



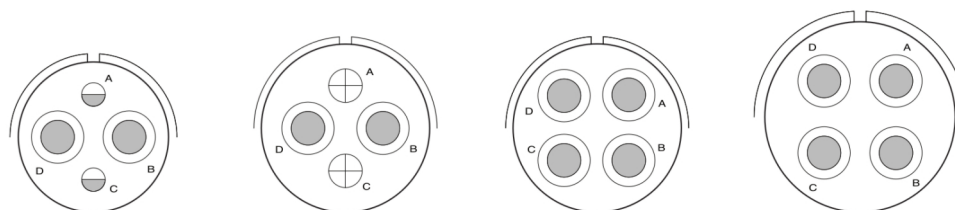
ARRANGEMENT	14S-2	16-9	18-4	18-10	20-4
NO. OF CONTACTS	4	4	4	4	4
CONTACT SIZE	4-16	2-12, 2-16	4-16	4-12	4-12
SERVICE RATING	I	A	D	A	D

Front View of Pin Inserts

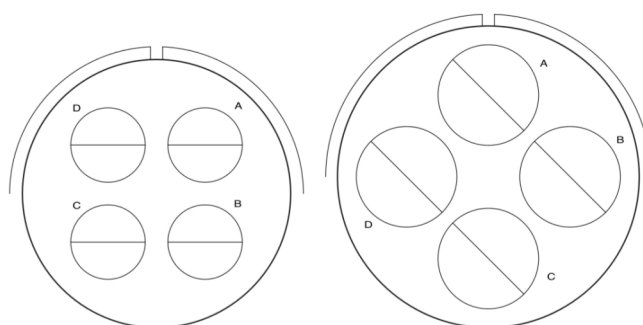
Contact Size Legend



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
NO. OF CONTACTS	4	4
CONTACT SIZE	4-4	4-0
SERVICE RATING	D	A

5 CONTACTS



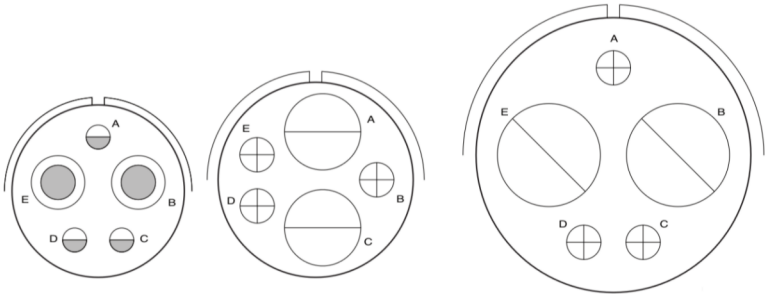
ARRANGEMENT	14S-5	16S-8	18-11
NO. OF CONTACTS	5	5	5
CONTACT SIZE	5-16	5-16	5-12
SERVICE RATING	I	A	A

Front View of Pin Inserts

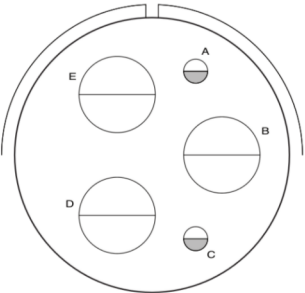
Contact Size Legend



5 CONTACTS



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



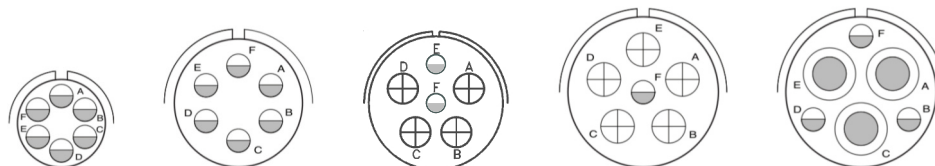
ARRANGEMENT	32-2
NO. OF CONTACTS	5
CONTACT SIZE	3-4, 2-16
SERVICE RATING	E

Front View of Pin Inserts

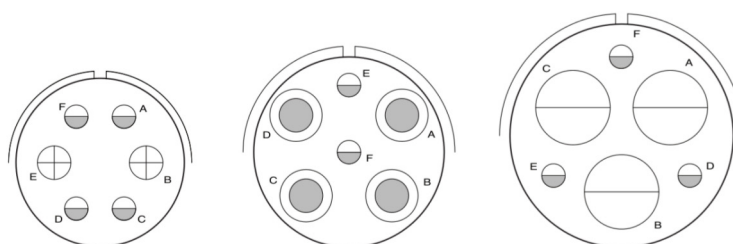
Contact Size Legend



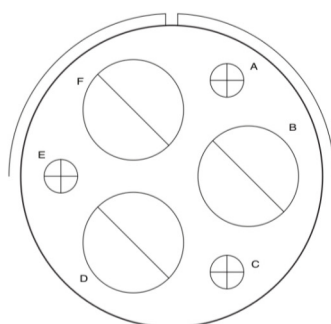
6 CONTACTS



ARRANGEMENT	14S-6	18-12	18-06	20-17	20-22
NO. OF CONTACTS	6	6	6	6	6
CONTACT SIZE	6-16	6-16	4-12, 2-16	5-12, 1-16	3-8, 3-16
SERVICE RATING	I	A	A	A	A



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



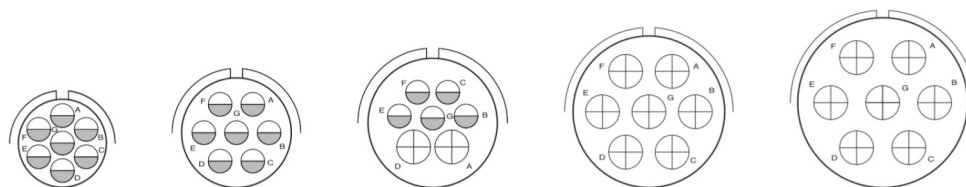
ARRANGEMENT	36-3
NO. OF CONTACTS	6
CONTACT SIZE	3-0, 3-12
SERVICE RATING	D

Front View of Pin Inserts

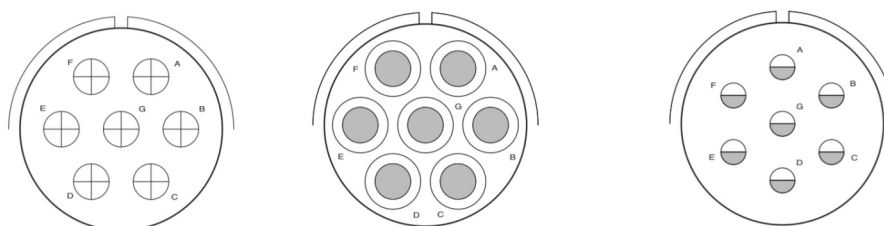
Contact Size Legend



7 CONTACTS



ARRANGEMENT	14S-A7	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



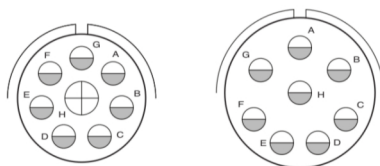
ARRANGEMENT	24-07	28-10
NO. OF CONTACTS	7	7
CONTACT SIZE	7-12	2-4, 3-8, 3-12
SERVICE RATING	D	G=D, Bal.=A

Front View of Pin Inserts

Contact Size Legend

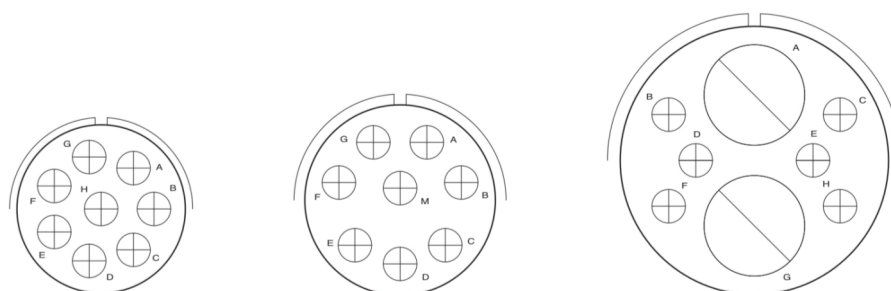


8 CONTACTS



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

1



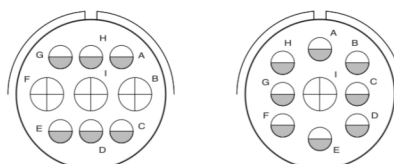
ARRANGEMENT	22-23	24-6	32-15
NO. OF CONTACTS	8	8	8
CONTACT SIZE	8-12	8-12	2-0, 6-12
SERVICE RATING	H=D - Bal.=A	A,G,H=D - Bal.=A	D

Front View of Pin Inserts

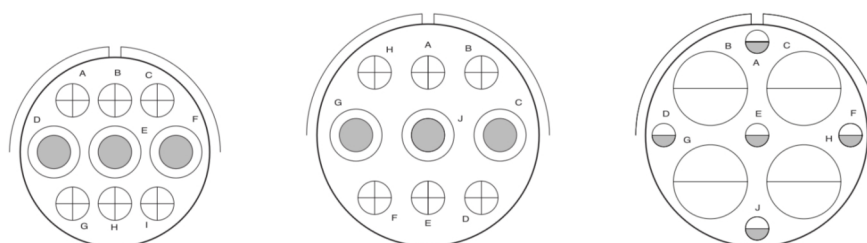
Contact Size Legend



9 CONTACTS



ARRANGEMENT	20-18	20-21
NO. OF CONTACTS	9	9
CONTACT SIZE	3-12, 6-16	1-12, 8-16
SERVICE RATING	A	A



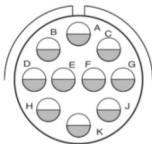
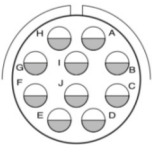
ARRANGEMENT	24-11	28-1	28A-9
NO. OF CONTACTS	9	9	9
CONTACT SIZE	3-8, 6-12	3-8, 6-12	4-4, 5-16
SERVICE RATING	A	A,J,E=D - Bal.=A	A

Front View of Pin Inserts

Contact Size Legend



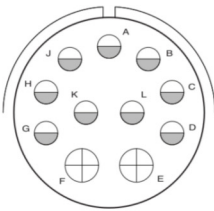
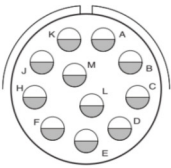
10 CONTACTS



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

1

11 CONTACTS



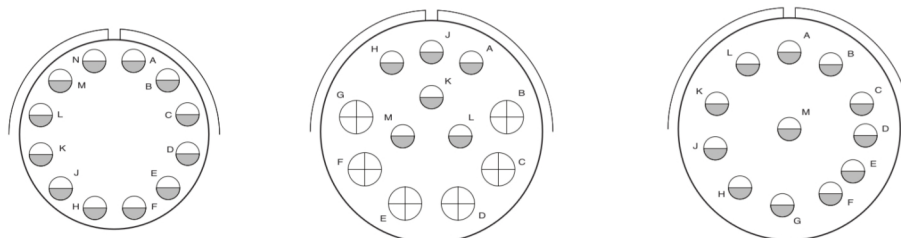
ARRANGEMENT	20-33	24-20
NO. OF CONTACTS	11	11
CONTACT SIZE	11-16	2-12, 9-16
SERVICE RATING	A	D

Front View of Pin Inserts

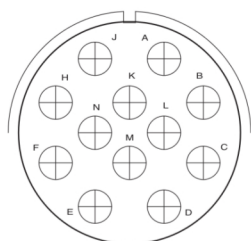
Contact Size Legend



12 CONTACTS

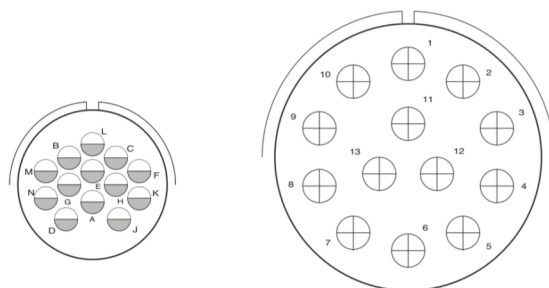


ARRANGEMENT	24-19	28-9	28-18
NO. OF CONTACTS	12	12	12
CONTACT SIZE	12-16	6-12, 6-16	12-16
SERVICE RATING	A	D	M=C - A,B=A - G,H,J,K,L=D - Bal.=I



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

13 CONTACTS



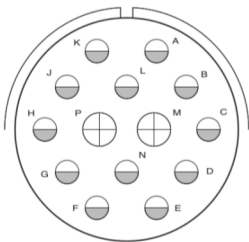
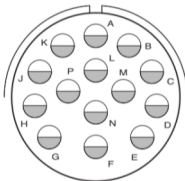
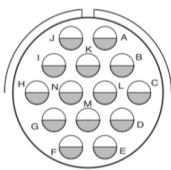
ARRANGEMENT	20-11	32-013
NO. OF CONTACTS	13	13
CONTACT SIZE	13-16	13-12
SERVICE RATING	I	D

Front View of Pin Inserts

Contact Size Legend

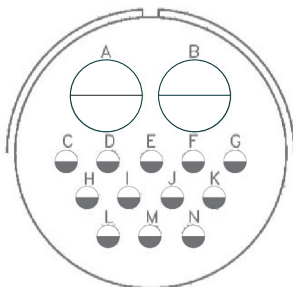
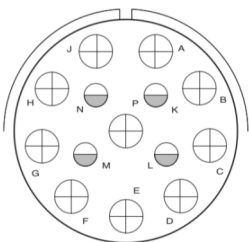


14 CONTACTS



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

1



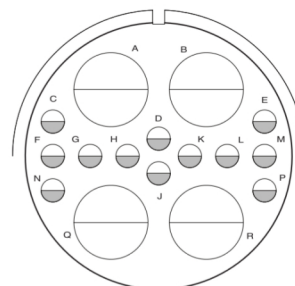
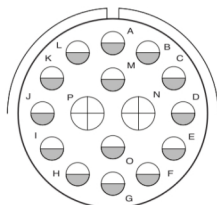
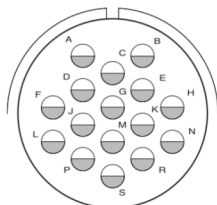
ARRANGEMENT	28-20	32-9
NO. OF CONTACTS	14	14
CONTACT SIZE	10-12, 4-16	2 - 4, 12-16
SERVICE RATING	A	D

Front View of Pin Inserts

Contact Size Legend

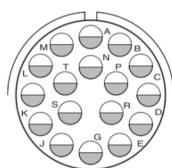


16 CONTACTS

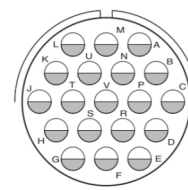
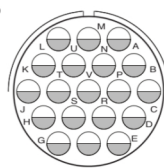


ARRANGEMENT	24-5	24-7	32-68
NO. OF CONTACTS	16	16	16
CONTACT SIZE	16-16	2-12, 14-16	4-4, 12-16
SERVICE RATING	A	A	A

17 CONTACTS

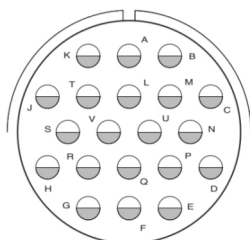


19 CONTACTS



ARRANGEMENT	20-29	20A-48	22-14
NO. OF CONTACTS	17	19	19
CONTACT SIZE	17-16	19-16	19-16
SERVICE RATING	A	I	A

20 CONTACTS



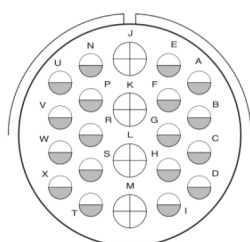
ARRANGEMENT	28-16
NO. OF CONTACTS	20
CONTACT SIZE	20-16
SERVICE RATING	A

Front View of Pin Inserts

Contact Size Legend



22 CONTACTS



28-11

ARRANGEMENT

NO. OF CONTACTS

22

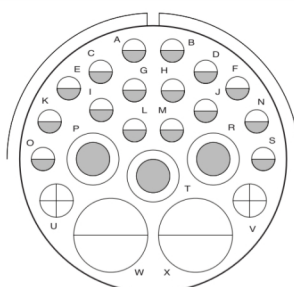
CONTACT SIZE

4-12, 18-16

SERVICE RATING

A

23 CONTACTS



32-6

ARRANGEMENT

NO. OF CONTACTS

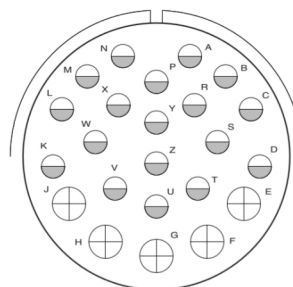
23

CONTACT SIZE

2-4, 3-8, 2-12, 16-16

SERVICE RATING

A



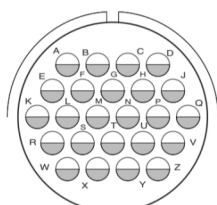
32-13

23

5-12, 18-16

D

24 CONTACTS



24-28

ARRANGEMENT

NO. OF CONTACTS

24

CONTACT SIZE

24-16

SERVICE RATING

I

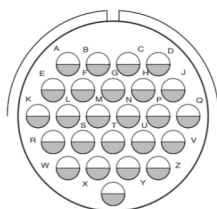
1

Front View of Pin Inserts

Contact Size Legend

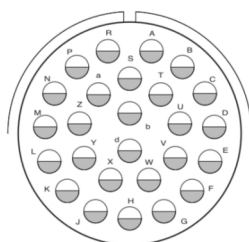


25 CONTACTS



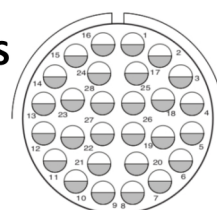
ARRANGEMENT	24A-25
NO. OF CONTACTS	25
CONTACT SIZE	25-16
SERVICE RATING	I

26 CONTACTS



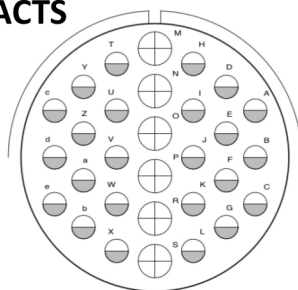
ARRANGEMENT	28-12
NO. OF CONTACTS	26
CONTACT SIZE	26-16
SERVICE RATING	A

28 CONTACTS



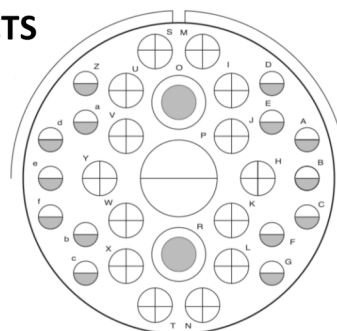
ARRANGEMENT	24A-28
NO. OF CONTACTS	28
CONTACT SIZE	28-16
SERVICE RATING	I

30 CONTACTS



32-8
30
6-12, 24-16
A

31 CONTACTS



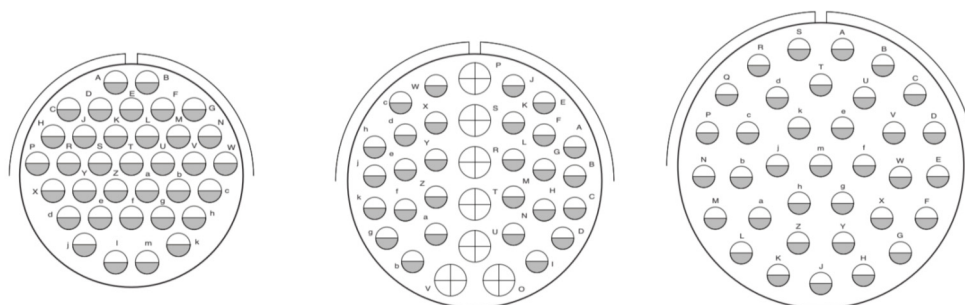
36-9
31
1-4, 2-8, 14-12, 14-16
A

Front View of Pin Inserts

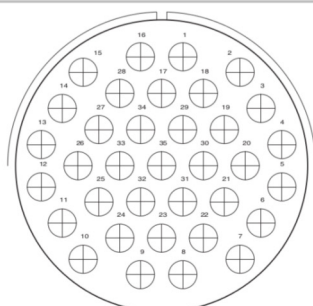
Contact Size Legend



35 CONTACTS

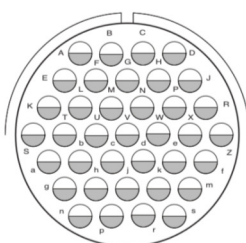


ARRANGEMENT	28-15	32-7	36-15
NO. OF CONTACTS	35	35	35
CONTACT SIZE	35-16	7-12, 28-16	35-16
SERVICE RATING	A	A,B,h,j=l - Bal.=A	M=D - Bal.=A



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

37 CONTACTS



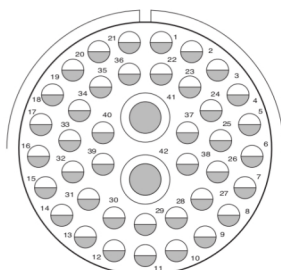
ARRANGEMENT	28-21
NO. OF CONTACTS	37
CONTACT SIZE	37-16
SERVICE RATING	A

Front View of Pin Inserts

Contact Size Legend

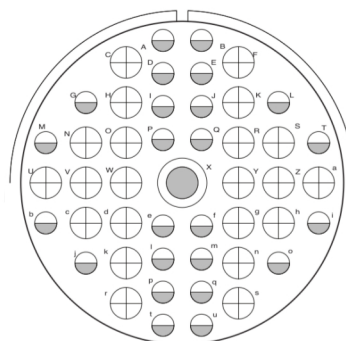
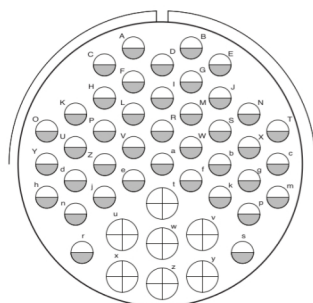


42 CONTACTS



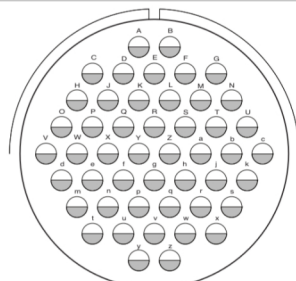
ARRANGEMENT	32-59
NO. OF CONTACTS	42
CONTACT SIZE	2-8, 40-16
SERVICE RATING	A

47 CONTACTS

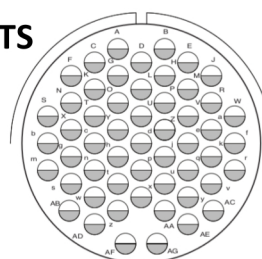


ARRANGEMENT	36-7	40-9
NO. OF CONTACTS	47	47
CONTACT SIZE	7-12, 40-16	1-8, 22-12, 24-16
SERVICE RATING	A	A

48 CONTACTS



54 CONTACTS



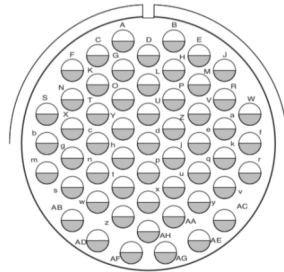
ARRANGEMENT	36-10	32-22
NO. OF CONTACTS	48	54
CONTACT SIZE	48-16	54-16
SERVICE RATING	A	A

Front View of Pin Inserts

Contact Size Legend



55 CONTACTS



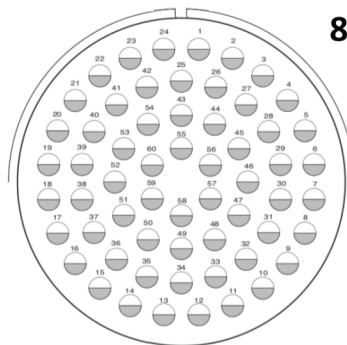
ARRANGEMENT **32A-55**

NO. OF CONTACTS 55

CONTACT SIZE 55-16

SERVICE RATING A

60 CONTACTS



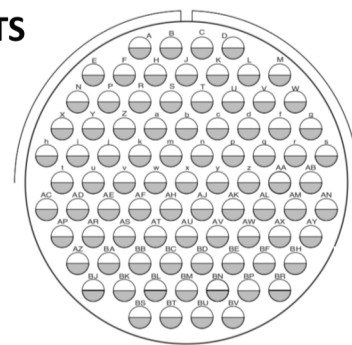
ARRANGEMENT **40-53**

NO. OF CONTACTS 60

CONTACT SIZE 60-16

SERVICE RATING A

85 CONTACTS



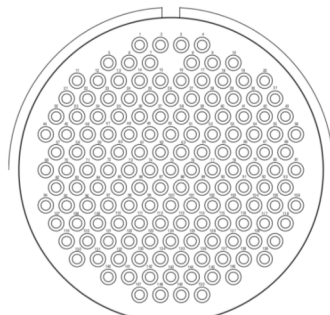
40-56

85

85-16

A

150 CONTACTS



ARRANGEMENT **40A-150**

NO. OF CONTACTS 150

CONTACT SIZE 150-18

SERVICE RATING I

HOW TO ORDER

FR	CKM	31	06	A	20-27	P	X	T03	CGMXX	T50
----	-----	-----	-----	---	-----	---	---	-----	-----	-----
1	2	3	4	5	6	7	8	9	10	11

1 - Omit for Standard Chloroprenic Elastomer
FR : Fire Resistant Elastomer (Optional)

2 – CKM : Thread Coupling MIL-C-5015 Compatible

3 – 31: Solder contacts
41: Crimp contacts (Section 3)

4 – Style: 00 - 01 - 02 - 06 - 08 (Section 2)

5 – 10 Class type: A, AF, MXX, PGXX, A...CGMXX (Section 2)

6 – Size and Contacts arrangement (Section 1)

7 – P : Male contacts
S : Female contacts

8 – Insert Rotation - Omit for standard
Alternate insert position (Section 1)

9 – Contacts modifications : Omit for Silver Plated
T03 : Gold Plated
XX : Modified Crimp Bucket
TC : Thermocouple Contacts
(Section 2 - 3)

10 - Class type:
Omit for A and AF classes
A...CGMXX, A...MXX, A...PGXX (Section 2)

11 - Connector Finish (Section 1)

Classes and Styles



CKM3100A20-27PT50
Front Panel Receptacle with Backshell



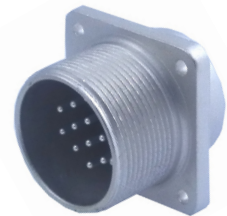
CKM3101A20-27PT50
In Line Receptacle with Backshell



CKM3100A20-27PCGMXXT50
Front Panel Receptacle with
environmental Cable Clamp



CKM3101A20-27PCGMXXT50
In Line Receptacle with
environmental Cable Clamp



CKM3102A20-27PT50
Front Panel



CKM3100AF20-27PT50
Front panel Receptacle with General
Duty Cable Clamp



CKM3101AF20-27PT50
In Line Receptacle with General
Duty Cable Clamp



CKM3100A20-27PMXXT50
Front panel Receptacle
with Metric or PG Thread



CKM3101A20-27PMXXT50
In Line Receptacle with Metric or PG
Thread

Classes and Styles



CKM3106A20-27PT50
Straight Plug with Backshell



CKM3108A20-27PT50
90° Plug with Backshell



CKM3106A20-27PCGMXXT50
Straight Plug with Environmental
Cable Clamp



CKM3108A20-27PCGMXXT50
90° Plug with Environmental
Cable Clamp



CKM3106AF20-27PT50
Straight Plug with General
Duty Cable Clamp



CKM3108AF20-27PT50
90° Plug with General
Duty Cable Clamp



CKM3106A20-27PMXXT50
Straight Plug with Metric
or PG Thread



CKM3108A20-27PMXXT50
90° Plug With Metric
or PG Thread

MODIFICATIONS

CKM Series proposes several solutions, suitable to solve Market requirements.

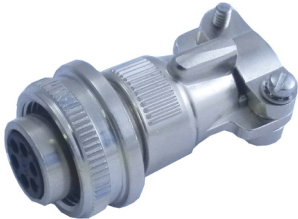
Standard Part Number example:

CKM3106A20-27PT50

Part Number	Modification
CKM3106A20-27PT 03 T50	Gold plated contacts
FR CKM3106A20-27PT50	Fire Resistant Insulator. Halogen free. Low smoke tossicity
CKM4106A20-27PT 59	Electroless Nickel plated
CKM3106A20-27PT 54	Stainless Steel passivated
CKM4106A20-27P LCT 50	Crimp Connector supplied without Con- tacts, see Section 3
CKM4106A20-27P- XX T50	Connector supplied with modified Crimp contacts, see Section 3
CKM3106 GR 20-27PT50	Environmental backshell for Heat Shrink Tubing
CKM3106 SP 20-27PT50	Environmental EMI / RFI Shield Termination

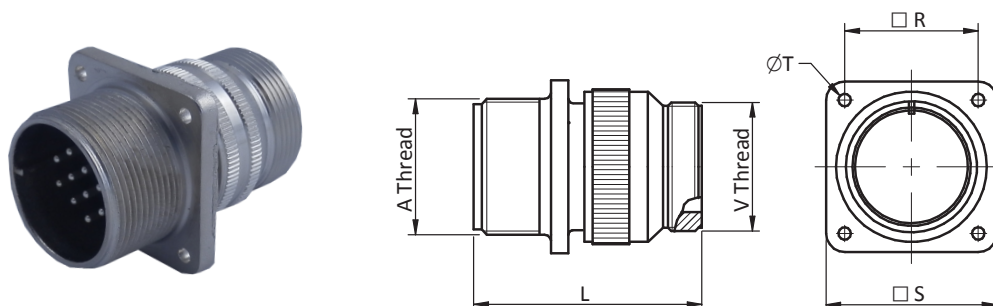
2

MODIFICATIONS

Part Number	Modification
 CKM3106BF20-27PT50	Short Backshell with general duty cable clamp
 CKM3106AC20-27PT50	Connector with environmental cable clamp, see Section 3
 CKM3106AL20-27PT50	Connector with longer backshell for easier cable assembly, see Section 3
 CKM3106F20-27PT50	Connector with sealing grommet for single wires
 CKM3106A20-27PTCT54	High Temperature -40 / +250°C plastic insert and crimp thermocouple Contacts See HIGH TEMPERATURES Catalog

Front Panel receptacle With Backshell

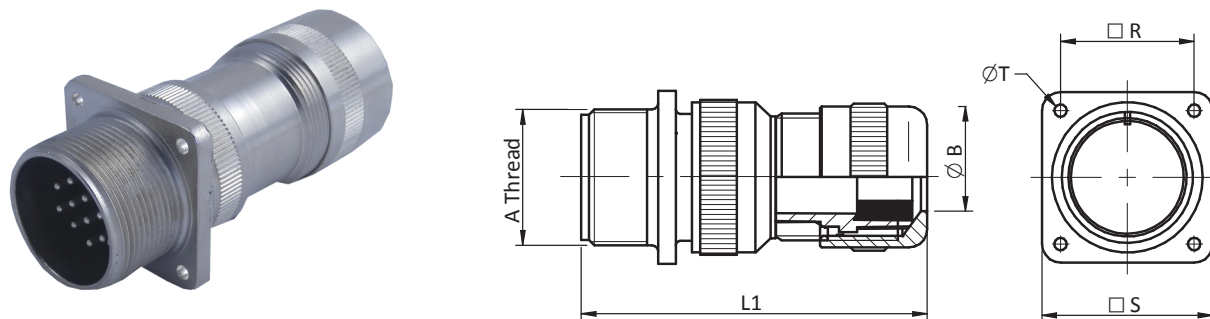
CKM3100A20-27PT50



Description : Front Panel Receptacle, suitable for cable clamp 3057-A or 3057-C , not included.

Front Panel receptacle With environmental Cable Clamp

CKM3100A20-27PCGMXXT50



Description : Front Panel Receptacle, environmental clamp, suitable for shielded and unshielded cables.

Technical Data

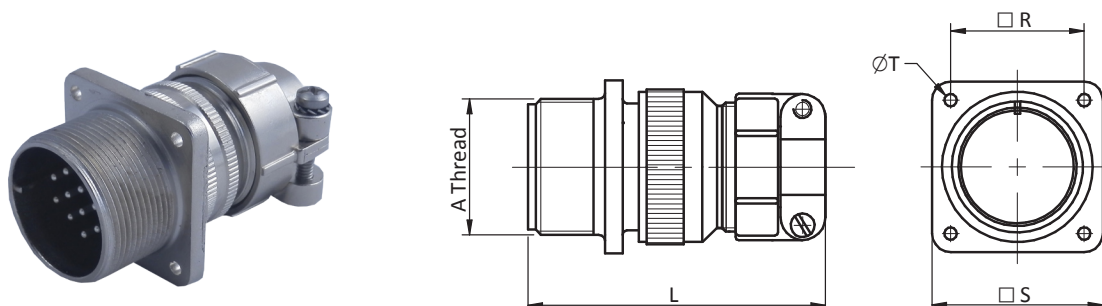
Shell Size	A Thread	XX	ØB	L max	L1 max	R ± 0,2	S ± 0,2	T +0,1/-0	V Thread
10SL	0.6250 - 24UNEF	9	2÷9	44,0	60,0	18,25	25,4	3,2	0,6250-24UNEF
14S	0.8750 - 20UNEF	11	4÷11	45,0	60,0	23,0	30,4	3,2	0,7500-20UNEF
16S	1.0000 - 20UNEF	11	4÷11	45,0	60,0	24,60	32,5	3,2	0,8750-20UNEF
16	1.0000 - 20UNEF	11	4÷11	58,0	70,0	24,60	32,5	3,2	0,8750-20UNEF
18	1.1250 - 18UNEF	11/18	4÷11/7÷17	58,0	70,0	27,0	35,0	3,2	1,0000-20UNEF
20	1.2500 - 18UNEF	11/18	4÷11/7÷17	58,0	70,0	29,4	38,0	3,2	1,1875-18UNEF
22	1.3750 - 18UNEF	18	7÷17	58,0	70,0	31,75	41,0	3,2	1,1875-18UNEF
24	1.5000 - 18UNEF	18/21/25	7÷17/12÷21/18÷25	60,0	80,0	34,9	44,5	3,7	1,4375-18UNEF
28	1.7500 - 18UNS	18/21/25	7÷17/12÷21/18÷25	66,0	80,0	39,7	50,9	3,7	1,4375-18UNEF
32	2.0000 - 18UNS	21/25	12÷21/18÷25	71,0	80,0	44,5	57,0	4,3	1,7500-18UNS
36	2.2500 - 16UN	35*	23÷35	77,0	95,0	49,2	63,5	4,3	2,0000-18UNS
40	2.5000 - 16UN	35*	23÷35	77,0	95,0	55,55	69,9	4,3	2,2500-16UN

*consult the factory

For Additional Information or Different Requests, Please Contact the Factory

Front Panel receptacle With Cable Clamp

CKM3100AF20-27PT50

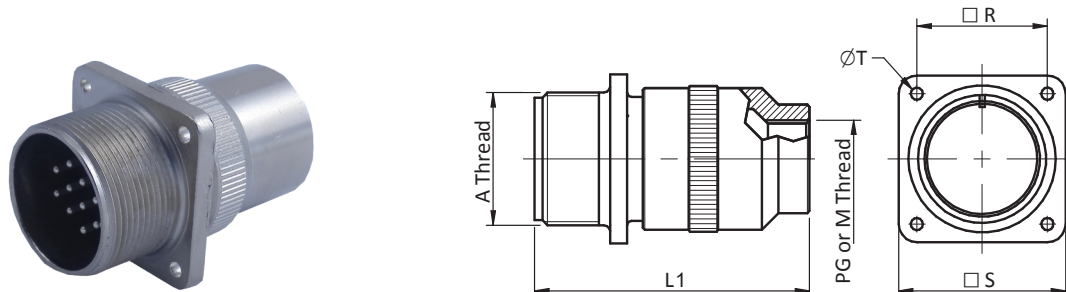


Description : Front Panel Receptacle with general duty cable clamp 3057-A, not environmental.

Front Panel receptacle With Metric or PG Thread

CKM3100A20-27PMXXT50

CKM3100A20-27PPGXXT50



Description : Front Panel Receptacle, with metric or PG thread suitable for conduit or commercial cable clamp.

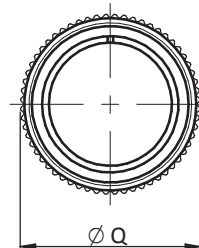
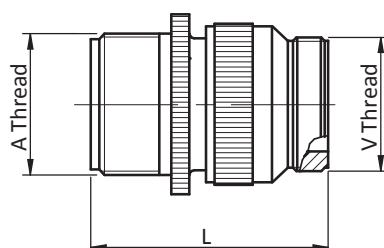
Technical Data

Shell Size	A Thread	MXX Fine Pitch 1,5	PGXX	L max	L1 max	R ±0,2	S ±0,2	T +0,1/-0
10SL	0.6250 - 24UNEF	M12	PG7/PG9/PG11	55,0	50,0	18,25	25,4	3,2
14S	0.8750 - 20UNEF	M16	PG11/PG16	58,0	52,5	23,0	30,4	3,2
16S	1.0000 - 20UNEF	M16	PG11/PG16	60,0	52,5	24,60	32,5	3,2
16	1.0000 - 20UNEF	M16	PG11/PG16	72,0	61,0	24,60	32,5	3,2
18	1.1250 - 18UNEF	M20	PG11/PG16/PG21	73,0	66,5	27,0	35,0	3,2
20	1.2500 - 18UNEF	M25	PG16/PG21/PG29	74,0	69,5	29,4	38,0	3,2
22	1.3750 - 18UNEF	M25	PG16/PG21/PG29	74,0	69,5	31,75	41,0	3,2
24	1.5000 - 18UNEF	M32	PG16/PG21/PG29	76,0	71,5	34,9	44,5	3,7
28	1.7500 - 18UNS	M32	PG16/PG21/PG29	83,0	76,5	39,7	50,9	3,7
32	2.0000 - 18UNS	M36	PG21/PG29	90,0	82,5	44,5	57,0	4,3
36	2.2500 - 16UN	M40	PG21/PG29	97,0	87,5	49,2	63,5	4,3
40	2.5000 - 16UN	M50	PG21/PG29/PG36	115,0	92,5	55,55	69,9	4,3

For Additional Information or Different Requests, Please Contact the Factory

In Line Receptacle With Backshell

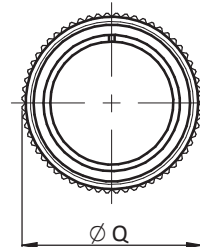
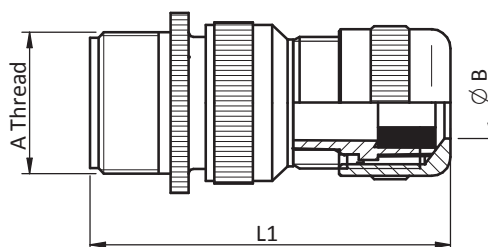
CKM3101A20-27PT50



Description : In Line Receptacle, suitable for cable clamp 3057-A or 3057-C ,not included.

In Line Receptacle With Environmental Cable Clamp

CKM3101A20-27PCGMXXT50



Description : In Line Receptacle, environmental clamp, suitable for shielded and unshielded cables.

Technical Data

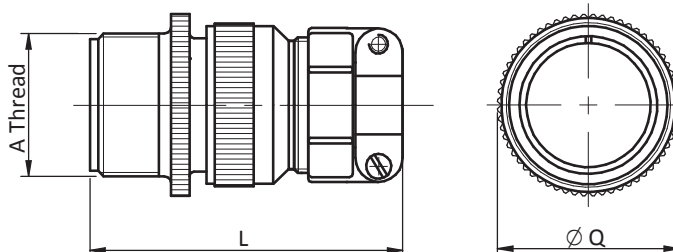
Shell Size	A Thread	XX	ØB	L max	L1 max	Q ±0,1	V Thread
10SL	0.6250 - 24UNEF	9	2÷9	44,0	60,0	21,8	0,6250-24UNEF
14S	0.8750 - 20UNEF	11	4÷11	45,0	60,0	28,8	0,7500-20UNEF
16S	1.0000 - 20UNEF	11	4÷11	45,0	60,0	30,5	0,8750-20UNEF
16	1.0000 - 20UNEF	11	4÷11	58,0	70,0	30,5	0,8750-20UNEF
18	1.1250 - 18UNEF	11/18	4÷11/7÷17	58,0	70,0	33,8	1,0000-20UNEF
20	1.2500 - 18UNEF	11/18	4÷11/7÷17	58,0	70,0	36,9	1,1875-18UNEF
22	1.3750 - 18UNEF	18	7÷17	58,0	70,0	39,5	1,1875-18UNEF
24	1.5000 - 18UNEF	18/21/25	7÷17/12÷21/18÷25	60,0	80,0	43,9	1,4375-18UNEF
28	1.7500 - 18UNS	18/21/25	7÷17/12÷21/18÷25	66,0	80,0	48,4	1,4375-18UNEF
32	2.0000 - 18UNS	21/25	12÷21/18÷25	71,0	80,0	56,0	1,7500-18UNS
36	2.2500 - 16UN	35*	23÷35	77,0	95,0	62,4	2,0000-18UNS
40	2.5000 - 16UN	35*	23÷35	77,0	95,0	68,6	2,2500-16UN

*consult the factory

For Additional Information or Different Requests, Please Contact the Factory

In Line Receptacle With Cable Clamp

CKM3101AF20-27PT50

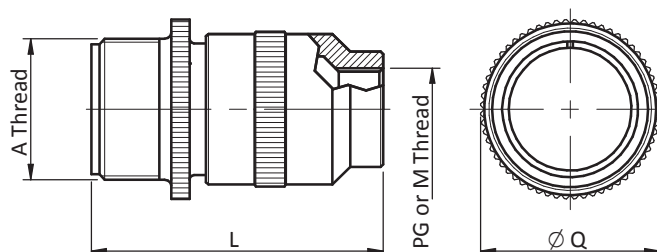


Description : In Line Receptacle, with general duty cable clamp 3057-A, not environmental.

In Line Receptacle With Metric or PG Thread

CKM3101A20-27PMXXT50

CKM3101A20-27PPGXXT50



Description : In Line Receptacle, with metric or PG thread for conduit or commercial cable clamp.

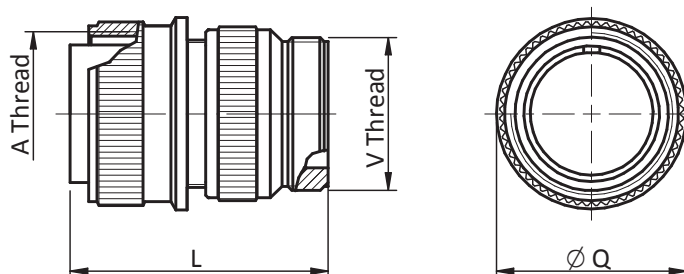
Technical Data

Shell Size	A Thread	MXX Fine Pitch 1,5	PGXX	L max	L1 max	Q ±0,1
10SL	0.6250 - 24UNEF	M12	PG7/PG9/PG11	55,0	50,0	21,8
14S	0.8750 - 20UNEF	M16	PG11/PG16	58,0	52,5	28,8
16S	1.0000 - 20UNEF	M16	PG11/PG16	60,0	52,5	30,5
16	1.0000 - 20UNEF	M16	PG11/PG16	72,0	61,0	30,5
18	1.1250 - 18UNEF	M20	PG11//PG16/PG21	73,0	66,5	33,8
20	1.2500 - 18UNEF	M25	PG16/PG21/PG29	74,0	69,5	36,9
22	1.3750 - 18UNEF	M25	PG16/PG21/PG29	74,0	69,5	39,5
24	1.5000 - 18UNEF	M32	PG16/PG21/PG29	76,0	71,5	43,9
28	1.7500 - 18UNS	M32	PG16/PG21/PG29	83,0	76,5	48,4
32	2.0000 - 18UNS	M36	PG21/PG29	90,0	82,5	56,0
36	2.2500 - 16UN	M40	PG21/PG29	97,0	87,5	62,4
40	2.5000 - 16UN	M50	PG21/PG29/PG36	115,0	92,5	68,6

For Additional Information or Different Requests, Please Contact the Factory

Straight Plug With Backshell

CKM3106A20-27PT50

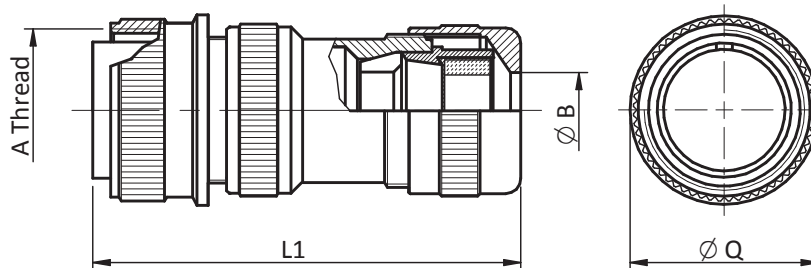


Description : Straight Plug, suitable for cable clamp 3057-A or 3057-C, not included.

Straight Plug With environmental Cable Clamp

CKM3106A20-27PCGMXXT50

2



Description : Straight Plug, environmental clamp, suitable for shielded and unshielded cables.

Technical Data

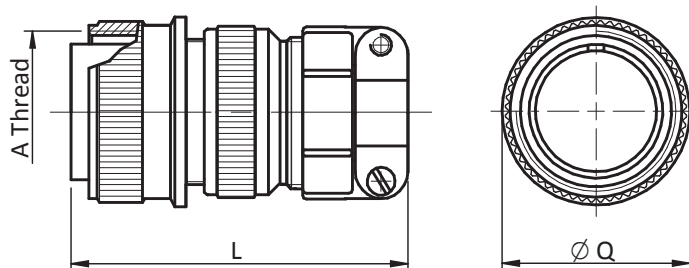
Shell Size	A Thread	XX	ØB	L max	L1 max	Q ±0,1	V Thread
10SL	0.6250 - 24UNEF	9	2÷9	44,0	60,0	24,1	0,6250-24UNEF
14S	0.8750 - 20UNEF	11	4÷11	45,0	60,0	28,8	0,7500-20UNEF
16S	1.0000 - 20UNEF	11	4÷11	45,0	60,0	30,5	0,8750-20UNEF
16	1.0000 - 20UNEF	11	4÷11	58,0	70,0	30,5	0,8750-20UNEF
18	1.1250 - 18UNEF	11/18	4÷11/7÷17	58,0	70,0	33,8	1,0000-20UNEF
20	1.2500 - 18UNEF	11/18	4÷11/7÷17	58,0	70,0	36,9	1,1875-18UNEF
22	1.3750 - 18UNEF	18	7÷17	58,0	70,0	39,5	1,1875-18UNEF
24	1.5000 - 18UNEF	18/21/25	7÷17/12÷21/18÷25	60,0	80,0	43,9	1,4375-18UNEF
28	1.7500 - 18UNS	18/21/25	7÷17/12÷21/18÷25	66,0	80,0	48,4	1,4375-18UNEF
32	2.0000 - 18UNS	21/25	12÷21/18÷25	71,0	80,0	56,0	1,7500-18UNS
36	2.2500 - 16UN	35*	23÷35	77,0	95,0	62,4	2,0000-18UNS
40	2.5000 - 16UN	35*	23÷35	77,0	95,0	68,6	2,2500-16UN

*consult the factory

For Additional Information or Different Requests, Please Contact the Factory

Straight Plug With Cable Clamp

CKM3106AF20-27PT50

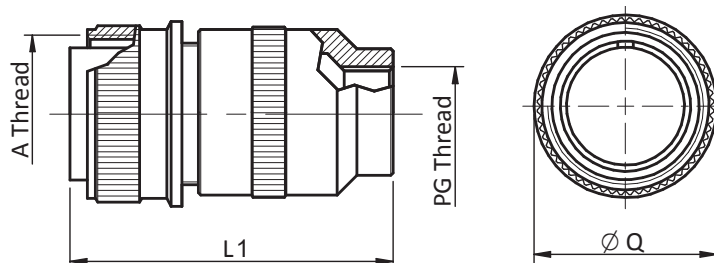


Description : Straight Plug , with general duty cable clamp 3057-A , not environmental.

Straight Plug With Metric or PG Thread

CKM3106A20-27PMXXT50

CKM3106A20-27PPGXXT50



Description : Straight plug, with metric or PG thread for conduit or commercial cable clamp.

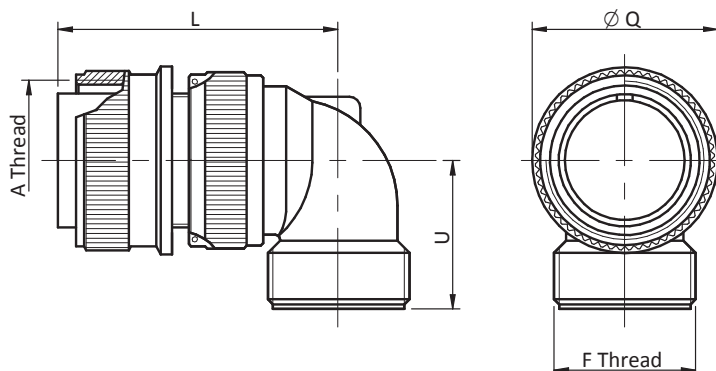
Technical Data

Shell Size	A Thread	MXX Fine Pitch 1,5	PGXX	L max	L1 max	Q ±0,1
10SL	0.6250 - 24UNEF	M12	PG7/PG9/PG11	55,0	50,0	24,1
14S	0.8750 - 20UNEF	M16	PG11/PG16	58,0	52,5	28,8
16S	1.0000 - 20UNEF	M16	PG11/PG16	60,0	52,5	30,5
16	1.0000 - 20UNEF	M16	PG11/PG16	72,0	61,0	30,5
18	1.1250 - 18UNEF	M20	PG11//PG16/PG21	73,0	66,5	33,8
20	1.2500 - 18UNEF	M25	PG16/PG21/PG29	74,0	69,5	36,9
22	1.3750 - 18UNEF	M25	PG16/PG21/PG29	74,0	69,5	39,5
24	1.5000 - 18UNEF	M32	PG16/PG21/PG29	76,0	71,5	43,9
28	1.7500 - 18UNS	M32	PG16/PG21/PG29	83,0	76,5	48,4
32	2.0000 - 18UNS	M36	PG21/PG29	90,0	82,5	56,0
36	2.2500 - 16UN	M40	PG21/PG29	97,0	87,5	62,4
40	2.5000 - 16UN	M50	PG21/PG29/PG36	115,0	92,5	68,6

For Additional Information or Different Requests, Please Contact the Factory

90° Plug With Backshell

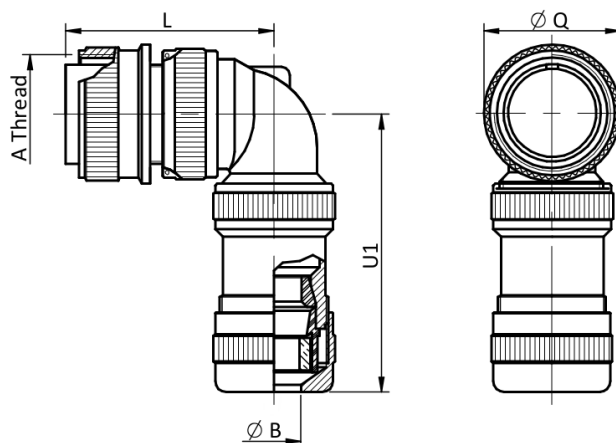
CKM3108A20-27PT50



Description : 90° Plug, suitable for cable clamp 3057-A or 3057-C, not included.

90° Plug With environmental Cable Clamp

CKM3108A20-27PCGMXXT50



Description: Straight Plug, environmental clamp, suitable for shielded and unshielded cables.

Technical Data

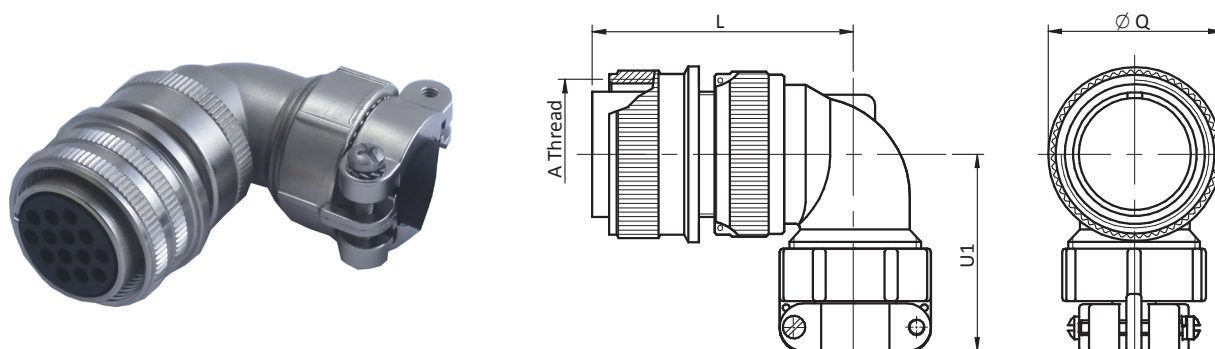
Shell Size	A Thread	XX	ØB	L max	U1 max	Q ±0,2	U max	F Thread
10SL	0.6250 - 24UNEF	9	2÷9	40,0	60,0	24,1	25,0	0,6250-24UNEF
14S	0.8750 - 20UNEF	11	4÷11	42,0	61,5	28,0	26,5	0,7500-20UNEF
16S	1.0000 - 20UNEF	11	4÷11	46,0	60,0	31,5	27,0	0,8750-20UNEF
16	1.0000 - 20UNEF	11	4÷11	55,0	60,0	31,5	27,0	0,8750-20UNEF
18	1.1250 - 18UNEF	11/18	4÷11/7÷17	57,0	67,0	34,0	30,0	1,0000-20UNEF
20	1.2500 - 18UNEF	11/18	4÷11/7÷17	62,0	69,0	37,2	32,0	1,1875-18UNEF
22	1.3750 - 18UNEF	18	7÷17	62,0	69,0	40,4	32,0	1,1875-18UNEF
24	1.5000 - 18UNEF	18/21/25	7÷17/12÷21/18÷25	67,0	78,0	43,5	37,0	1,4375-18UNEF
28	1.7500 - 18UNS	18/21/25	7÷17/12÷21/18÷25	67,0	79,0	49,9	38,0	1,4375-18UNEF
32	2.0000 - 18UNS	21/25	12÷21/18÷25	72,0	90,5	56,0	45,5	1,7500-18UNS
36	2.2500 - 16UN	35*	23÷35	75,0	92,2	62,5	47,2	2,0000-18UNS
40	2.5000 - 16UN	35*	23÷35	78,0	97,0	69,0	52,0	2,2500-16UN

*consult the factory

For Additional Information or Different Requests, Please Contact the Factory

90° Plug With Cable Clamp

CKM3108AF20-27PT50

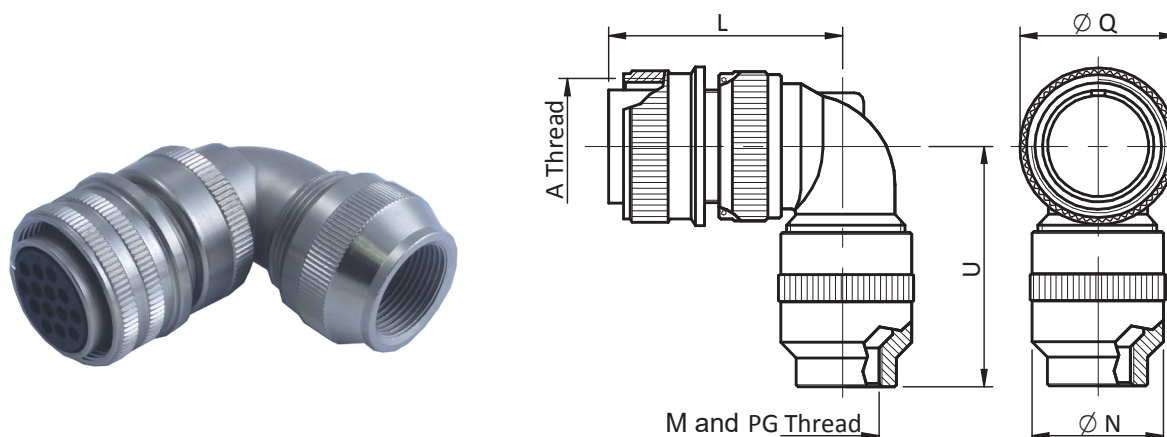


Description : Straight Plug , with general duty cable clamp 3057-A, not environmental.

90° Plug With Metric or PG Thread

CKM3108A20-27PMXXT50

CKM3108A20-27PPGXXT50



Description : 90° plug, with metric or PG thread for conduit or commercial cable clamp.

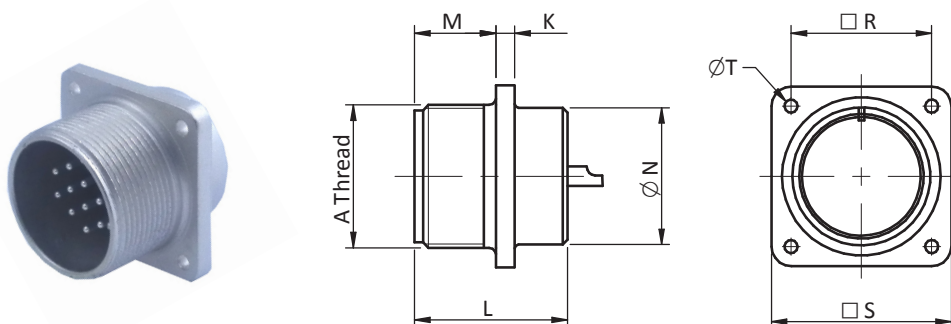
Technical Data

Shell Size	A Thread	MXX Fine Pitch 1,5	PGXX	L max	U1 max	U max	Q ±0,1
10SL	0.6250 - 24UNEF	M12	PG7/PG9/PG11	40,0	36,0	50,0	24,1
14S	0.8750 - 20UNEF	M16	PG11/PG16	42,0	38,5	51,0	28,0
16S	1.0000 - 20UNEF	M16	PG11/PG16	46,0	41,0	51,5	31,5
16	1.0000 - 20UNEF	M16	PG11/PG16	55,0	41,0	51,5	31,5
18	1.1250 - 18UNEF	M20	PG11//PG16/PG21	57,0	50,0	54,5	34,0
20	1.2500 - 18UNEF	M25	PG16/PG21/PG29	62,0	48,0	56,5	37,2
22	1.3750 - 18UNEF	M25	PG16/PG21/PG29	62,0	48,0	56,5	40,4
24	1.5000 - 18UNEF	M32	PG16/PG21/PG29	67,0	54,0	61,5	43,5
28	1.7500 - 18UNS	M32	PG16/PG21/PG29	67,0	55,0	62,5	49,9
32	2.0000 - 18UNS	M36	PG21/PG29	72,0	64,5	75,0	56,0
36	2.2500 - 16UN	M40	PG21/PG29	75,0	67,2	82,0	62,5
40	2.5000 - 16UN	M50	PG21/PG29/PG36	78,0	91,0	87,5	69,0

For Additional Information or Different Requests, Please Contact the Factory

Front Panel Receptacle

CKM3102A20-27PT50



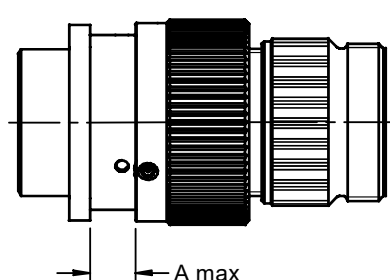
Description : Front panel receptacle, without any backshell.

Technical Data

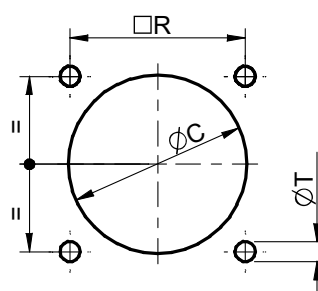
Shell Size	A Thread	M +0,2 / -0	K ± 0,2	L max	Ø N +0,2/-0	T +0,1/-0	S ± 0,2	R ± 0,2
10SL	0.6250 - 24UNEF	14,3	2,8	24,7	15,9	3,2	25,4	18,25
14S	0.8750 - 20UNEF	14,5	3,3	24,7	19,0	3,2	30,4	23,0
16S	1.0000 - 20UNEF	14,5	3,3	24,7	22,2	3,2	32,5	24,60
16	1.0000 - 20UNEF	19,1	3,3	33,8	22,2	3,2	32,5	24,60
18	1.1250 - 18UNEF	19,1	4,0	34,5	25,5	3,2	35,0	27,0
20	1.2500 - 18UNEF	19,1	4,0	34,5	29,0	3,2	38,0	29,4
22	1.3750 - 18UNEF	19,6	4,0	34,5	31,7	3,2	41,0	31,75
24	1.5000 - 18UNEF	20,6	4,0	35,7	34,9	3,7	44,5	34,9
28	1.7500 - 18UNS	20,7	4,0	35,7	41,4	3,7	50,9	39,7
32	2.0000 - 18UNS	22,3	4,0	37,3	47,6	4,3	57,0	44,5
36	2.2500 - 16UN	22,3	4,0	37,3	52,4	4,3	63,5	49,2
40	2.5000 - 16UN	22,3	4,0	37,3	58,7	4,3	69,9	55,55

For Additional Information or Different Requests, Please Contact the Factory

Panel requirements



Maximum panel thickness



Panel cutout

Panel thickness for type 00, 02 connectors used for rear mounting

Shell Size	10SL	14S	16S 16	18	20	22	24	28	32	36	40
A	3,70	3,70	3,70	3,70	3,70	3,70	5,25	5,25	6,10	6,10	6,00

Panel cutout for type 00, 02 connectors (front panel mounting)

Shell Size	10SL	14S	16S 16	18	20	22	24	28	32	36	40
Ø C	17,0	20,0	23,0	26,5	30,0	33,0	36,0	42,0	48,5	55,0	61,0
R ± 0,1	18,2	23,0	24,6	27,0	29,4	31,8	34,9	39,7	44,5	49,2	55,5
Ø T	3,4	3,4	3,4	3,4	3,4	3,4	3,9	3,9	4,5	4,5	4,5

ACCESSORIES

Long Backshell

Suitable for CKM00A..LB, CKM01A..LB, CKM06A..LB (see Section 2)

3057 cable clamp not included

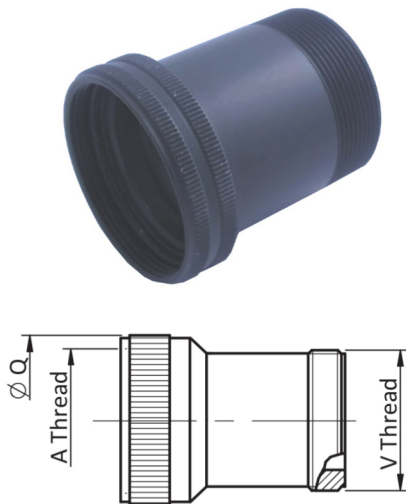
B011 - 20 AL - T50

Backshell

Size

Long

Plating:
T50: Bright Nickel
T51: Black Zinc-Nickel



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 Adapter

Suitable for CKM00A, CKM01A, CKM06A, CKM08A (see Section 2)

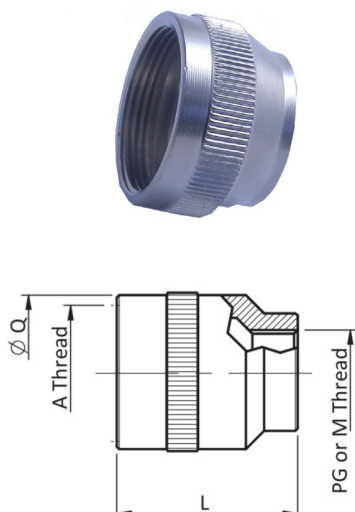
B011 - 20 MXX - T50

Backshell

Size

Conduit Adapter
MXX - Metric thread
PGXX - PG Thread

Plating:
T50: Bright Nickel
T51: Black Zinc-Nickel



Technical Data

Shell Size	A Thread	L Max.	Q ±0.2	PGXX	MXX
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

Plug and Receptacle Metal Caps HOW TO ORDER

CKM - **02** - **24** - **1** **C** **T50**

CKM: MIL 5015 Thread

02: 02 - Receptacle Cap
06 - Plug Cap

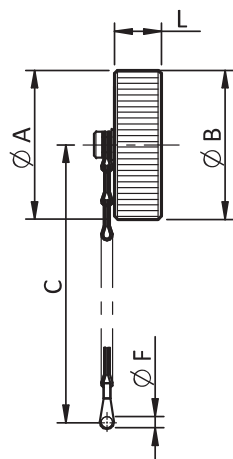
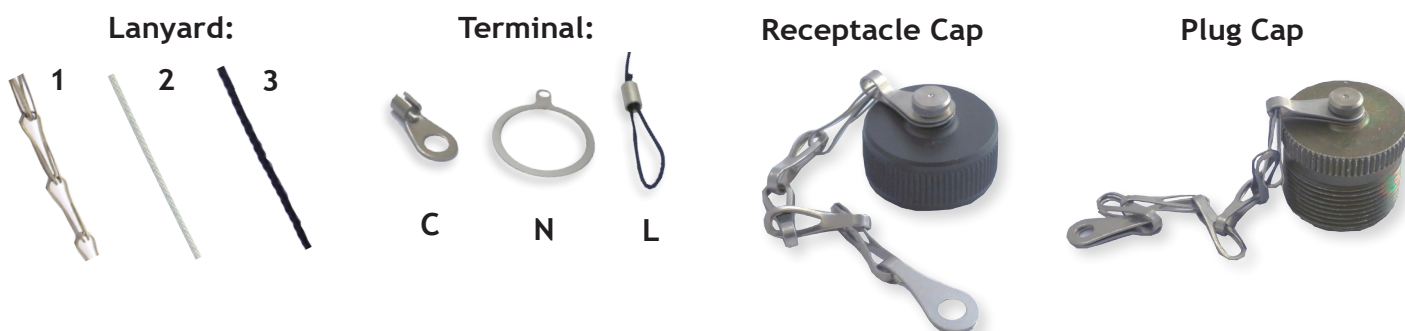
24: Connector Size

1: Lanyard:
1 - Stainless Chain
2 - Stainless Rope
3 - Nylon Rope

C: Terminal:
C: Screw Lug
N: Jam Nut Lug
L: Loose Crimp Lug

T50: Plating:
T50: Bright Nickel (1)
T51: Black Zinc (1)

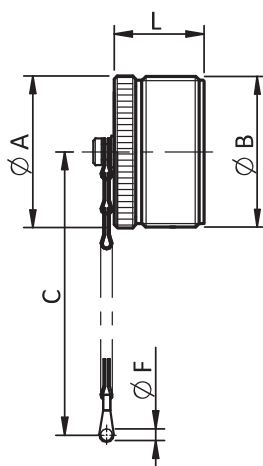
(1) - RoHS Compliant
(2) - No RoHS Compliant



Receptacle Cap

Connector Size	ØA Max.	B Thread	C min.	L	F +0.25 -0.13
10S - 10SL	20.7	0.6250 - 24UNEF	102	11.9	3.55
12 - 12S	25.4	0.7500 - 20UNEF	115	11.9	3.55
14 - 14S	28.6	0.8750 - 20UNEF	115	11.9	3.55
16 - 16S	30.2	1.0000 - 20UNEF	115	11.9	3.55
18	34.1	1.1250 - 18UNEF	115	11.9	3.55
20	37.3	1.2500 - 18UNEF	127	11.9	3.55
22	40.4	1.3750 - 18UNEF	127	11.9	3.55
24	43.6	1.5000 - 18UNEF	140	11.9	4.30
28	50.0	1.7500 - 18UNS	197	13.5	4.30
32	56.3	2.0000 - 18UNS	197	13.5	4.80
36	62.7	2.2500 - 16UN	197	13.5	4.80
40	69.0	2.5000 - 16UN	197	13.5	4.80

For Additional Information or Different Requests, Please Contact the Factory



Plug Cap

Connector Size	ØA Max.	B Thread	C min.	L	F +0.25 -0.13
10S - 10SL	17.4	0.6250 - 24UNEF	102	16.6	3.95
12 - 12S	20.6	0.7500 - 20UNEF	115	21.4	3.95
14 - 14S	23.7	0.8750 - 20UNEF	115	21.4	3.95
16 - 16S	26.9	1.0000 - 20UNEF	115	21.4	3.95
18	30.0	1.1250 - 18UNEF	115	21.4	3.95
20	33.0	1.2500 - 18UNEF	127	21.4	4.80
22	36.4	1.3750 - 18UNEF	127	21.4	4.80
24	39.6	1.5000 - 18UNEF	140	21.4	4.80
28	46.0	1.7500 - 18UNS	197	21.4	4.80
32	52.0	2.0000 - 18UNS	197	21.4	5.60
36	58.7	2.2500 - 16UN	197	21.4	5.60
40	65.0	2.5000 - 16UN	197	21.4	5.60

For Additional Information or Different Requests, Please Contact the Factory

ACCESSORIES

General Duty Cable Clamp

3057 - 20 A - T50

Cable Clamp

Size

General
Duty

Plating:
T50: Bright Nickel (*)
T51: Black Zinc (*)

(*) - RoHS Compliant



Technical Data

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

For Additional Information or Different Requests, Please Contact the Factory

Water Tight Cable Clamp

3057 - 20 C - T50

Cable Clamp

Size

Environmental

Plating:
T50: Bright Nickel (*)
T51: Black Zinc (*)

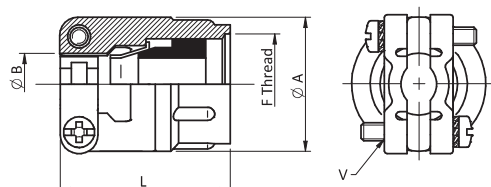
(*) - RoHS Compliant



Technical Data

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



ACCESSORIES

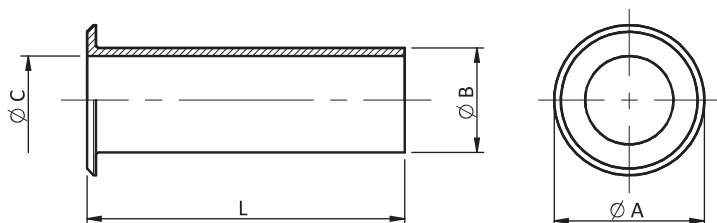
Neoprene Sleeves for 3057-A Clamp

3420 - 20

Neoprene Sleeves for
Cable Clamp

Size

Omit for
3057-XXA Clamp



Technical Data

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

3

Neoprene Sleeves for 3057-XXA Clamp

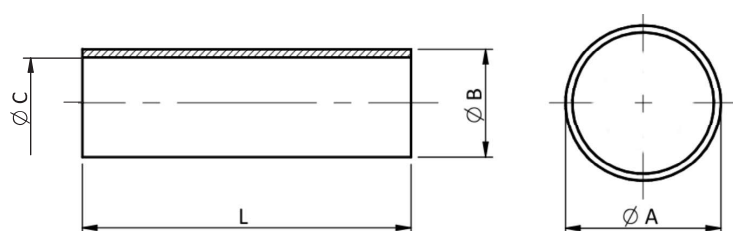
3420 - 20

A

Neoprene Sleeves for
Cable Clamp

Size

For 3057-XXA Clamp

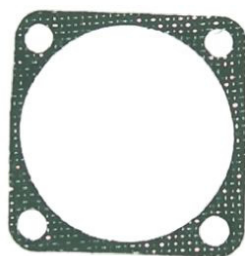


Technical Data

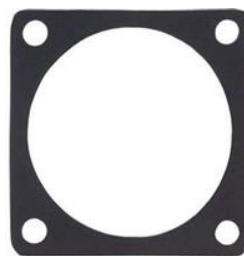
Part Number	ØB ±0.1	ØC ±0.1	L ±0.1
3420 - 4A	7.63	5.56	50.5
3420 - 6A	10.50	7.93	50.5
3420 - 8A	13.50	11.10	50.5
3420 - 10A	15.70	11.10	50.5
3420 - 12A	18.50	13.74	50.9
3420 - 16A	23.60	19.00	50.9
3420 - 20A	31.10	23.80	50.2
3420 - 24A	33.90	28.50	51.1
3420 - 28A	40.60	31.80	50.2
3420 - 29A	45.00	41.00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

ACCESSORIES

Gasket for Receptacles



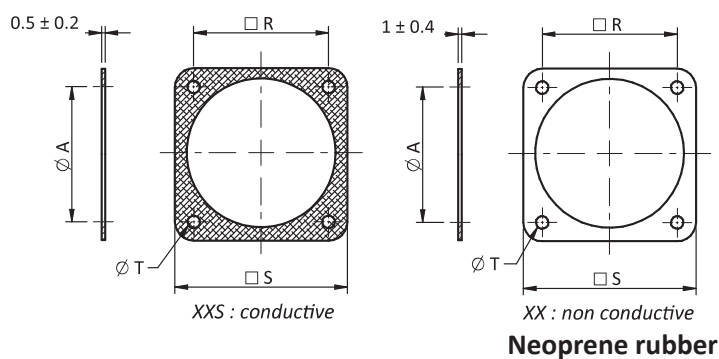
Conductive



Non Conductive
Neoprene rubber

Front Panel Receptacle B096 - 20 -

Omit for Non Conductive
S : Conductive



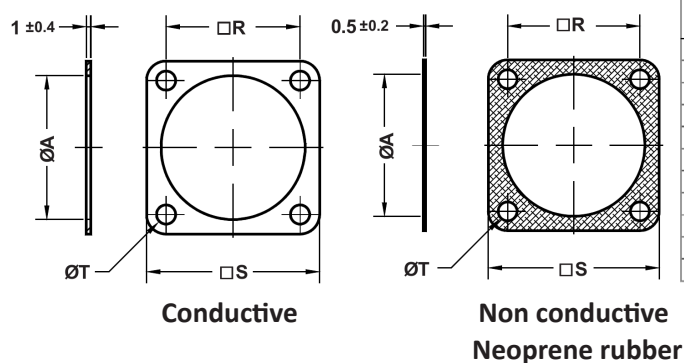
Technical Data

Part Number	Shell Size	ϕA +1	R ± 0.2	S ± 0.5	ϕT +0.5
B096 - 10	10SL	15.7	18.2	25.4	4.2
B096 - 14	14S	22.1	23.0	30.0	4.2
B096 - 16	16S - 16	25.3	24.6	32.5	4.2
B096 - 18	18	28.4	27.0	35.0	4.2
B096 - 20	20	31.6	29.4	38.0	4.2
B096 - 22	22	34.8	31.8	41.0	4.2
B096 - 24	24	38.0	34.9	44.5	4.2
B096 - 28	28	44.3	39.7	50.8	5.1
B096 - 32	32	50.7	44.5	57.0	5.1
B096 - 36	36	57.0	49.2	63.5	5.1
B096 - 40	40	61.9	55.5	69.9	5.1

For Additional Information or Different Requests, Please Contact the Factory

Rear Panel Receptacle C096 - 20 -

Omit for Non Conductive
S : Conductive

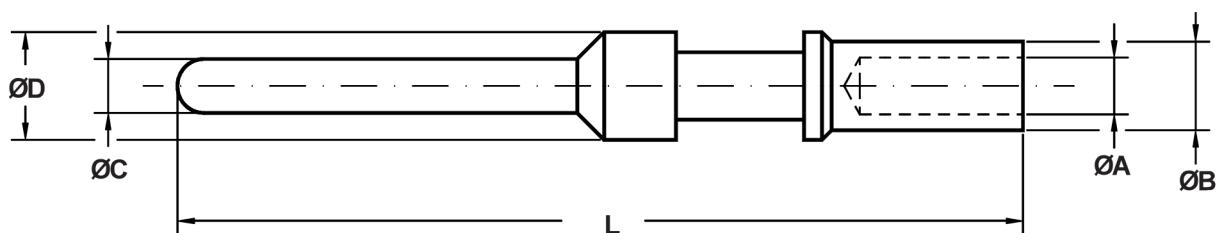


Technical Data

Part Number	Shell Size	ϕA +0.3	R ± 0.2	S ± 0.5	ϕT +0.5
C096 - 10	10SL	18.2	18.2	25.4	4.2
C096 - 14	14S	24.6	23.0	30.0	4.2
C096 - 16	16S - 16	27.4	24.6	32.5	4.2
C096 - 18	18	30.8	27.0	35.0	4.2
C096 - 20	20	34.2	29.4	38.0	4.2
C096 - 22	22	37.4	31.8	41.0	4.2
C096 - 24	24	40.9	34.9	44.5	4.2
C096 - 28	28	46.7	39.7	50.8	5.1
C096 - 32	32	53.4	44.5	57.0	5.1
C096 - 36	36	59.6	49.2	63.5	5.1
C096 - 40	40	65.5	55.5	69.9	5.1

For Additional Information or Different Requests, Please Contact the Factory

PIN CRIMP CONTACTS



B001 - 16 PC - T01

Contact

Size

Male
Contact

Omitted
for STD
Modified - XX

T01 : Silver Plated (Standard)
T03 : Gold Plated (Option)

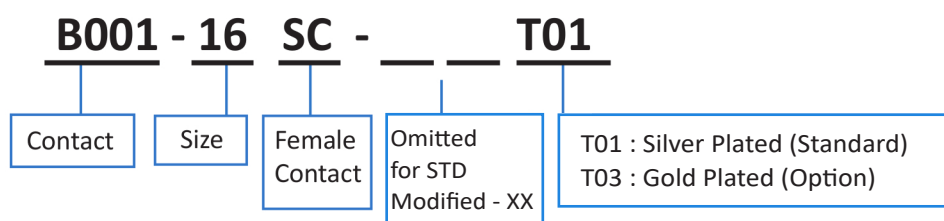
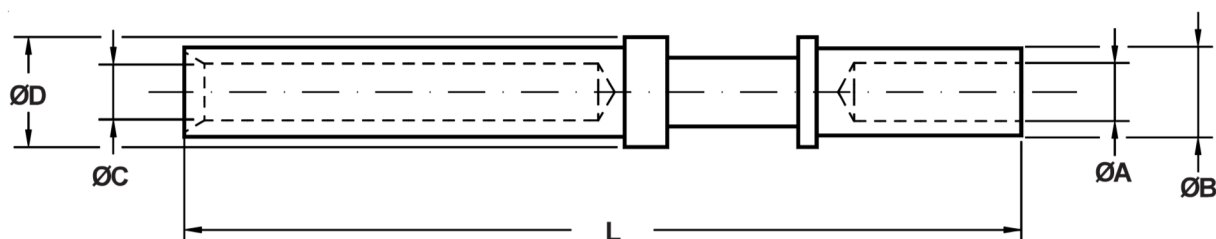
Part Number	Size	Section mm ²	AWG	A ±0.1	B ±0.1	C ±0.05	D ±0.1	L ±0.1	Modified -XX
B001-18PC T01	18	0.15 / 0.6	26 / 20	1.30	1.93	1.40	2.2	29.60	STD
B001-16SPC T01	16S	1 / 1.5	18 / 16	1.70	2.60	1.58	3.2	26.65	STD
B001-16SPC-13 T01	16S	0.15 / 0.6	26 / 20	1.30	1.93	1.58	3.2	26.65	-13
B001-16SPC-15 T01	16S	1	18	1.50	2.60	1.58	3.2	26.65	-15
B001-16SPC-20 T01	16S	2	14	2.00	2.90	1.58	3.2	26.65	-20
B001-16PC T01	16	1 / 1.5	18 / 16	1.70	2.60	1.58	3.2	31.75	STD
B001-16PC-08 T01	16	0.15 / 0.2	26 / 24	0.85	1.55	1.58	3.2	31.75	-08
B001-16PC-13 T01	16	0.15 / 0.6	26 / 20	1.30	1.93	1.58	3.2	31.75	-13
B001-16PC-15 T01	16	1	18	1.50	2.60	1.58	3.2	31.75	-15
B001-16PC-20 T01	16	2	14	2.00	2.90	1.58	3.2	31.75	-20
B001-16PC-26 T01	16	3	12	2.50	3.80	1.58	3.2	31.75	-26
B001-12PC T01	12	3	12	2.50	3.90	2.38	4.8	37.65	STD
B001-12PC-12 T01	12	0.6	20	1.20	2.60	2.38	4.8	37.65	-12
B001-12PC-20 T01	12	1 / 2	18 / 14	2.00	3.80	2.38	4.8	37.65	-20
B001-12PC-22 T01	12	2.5		2.20	3.80	2.38	4.8	37.65	-22
B001-12PC-30 T01	12	4		3.00	4.80	2.38	4.8	37.65	-30
B001-12PC-38 T01	12	6		3.60	4.80	2.38	4.8	37.65	-38
B001-8PC T01	8	6/8	8	4.50	6.90	3.59	7.8	42.00	STD
B001-8PC-50 T01	8	10		5.00	6.90	3.59	7.8	42.00	-50
B001-4PC T01	4	22	4	7.15	9.53	5.70	11.1	42.00	STD
B001-0PC T01	0	50/60	0	11.50	14.30	9.05	15.1	45.00	STD
B001-0PC-35 T01	0	35		9.00	14.35	9.05	15.1	45.00	-35

All crimp connectors includes silver plated contacts (T01 suffix)

Standard and modified contacts can be supplied as spare parts.

See our "Assembly Catalogue".

SOCKET CRIMP CONTACTS



Part Number	Size	Section mm ²	AWG	A ±0.1	B ±0.1	C ±0.05	D ±0.1	L ±0.1	Modified -XX
B001-18SC T01	18	0.15 / 0.6	26 / 20	1.30	1.93	1.48	2.2	34.40	STD
B001-16SSC T01	16S	1 / 1.5	18 / 16	1.70	2.60	1.65	3.2	26.60	STD
B001-16SSC-13 T01	16S	0.15 / 0.6	26 / 20	1.30	1.93	1.65	3.2	26.65	-13
B001-16SSC-15 T01	16S	1	18	1.50	2.60	1.65	3.2	26.65	-15
B001-16SSC-20 T01	16S	2	14	2.00	2.90	1.65	3.2	26.65	-20
B001-16SC T01	16	1 / 1.5	18 / 16	1.70	2.60	1.65	3.2	36.50	STD
B001-16SC-08 T01	16	0.15 / 0.2	26 / 24	0.85	1.55	1.65	3.2	36.50	-08
B001-16SC-13 T01	16	0.15 / 0.6	26 / 20	1.30	1.93	1.65	3.2	36.50	-13
B001-16SC-15 T01	16	1	18	1.50	2.60	1.65	3.2	36.50	-15
B001-16SC-20 T01	16	2	14	2.00	2.90	1.65	3.2	36.50	-20
B001-16SC-26 T01	16	3	12	2.50	3.80	1.65	3.2	36.50	-26
B001-12SC T01	12	3	12	2.50	3.90	2.48	4.8	37.65	STD
B001-12SC-12 T01	12	0.6	20	1.20	2.60	2.48	4.8	37.65	-12
B001-12SC-20 T01	12	1 / 2	18 / 14	2.00	3.80	2.48	4.8	37.65	-20
B001-12SC-22 T01	12	2.5		2.20	3.80	2.48	4.8	37.65	-22
B001-12SC-30 T01	12	4		3.00	4.80	2.48	4.8	37.65	-30
B001-12SC-38 T01	12	6		3.60	4.80	2.48	4.8	37.65	-38
B001-8SC T01	8	9	8	4.50	6.75	3.70	7.8	42.00	STD
B001-8SC-50 T01	8	10		5.00	6.90	3.70	7.8	42.00	-50
B001-4SC T01	4	22	4	7.10	9.53	5.80	11.0	42.00	STD
B001-0SC T01	0	50 / 60	0	11.50	14.50	9.17	15.1	44.60	STD
B001-0SC-35 T01	0	0		9.00	14.35	9.17	15.1	44.60	-35

All crimp connectors includes silver plated contacts (T01 suffix)

Standard and modified contacts can be supplied as spare parts.

See our “Assembly Catalogue”.

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OTHERS CONNECTORS AND PRODUCTS



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