



Bendix® Rack & Panel Rectangular Connectors

12-034



Rack and Panel Connectors

LPSRC

Rack and panel connectors with rear release crimp insertable contacts (10-49195)

LPX

Rack and panel connectors and crimp insertable contacts are intermountable and intermateable with other existing ARINC 404 series connectors

SR

Rack and panel connectors with solder type contacts and resilient neoprene inserts

LE

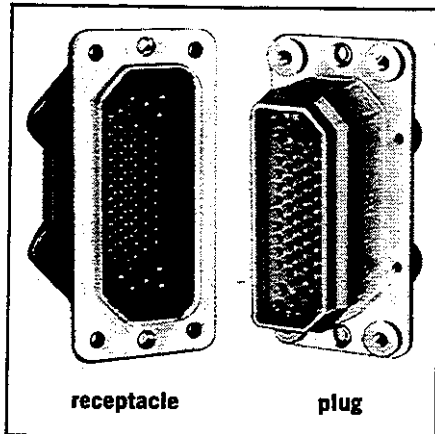
Rack and panel connectors with crimp insertable contacts of the PT-SE type

LPSRC (10-49195)

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LPSRC

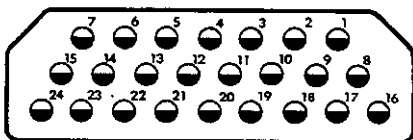
rugged, crimp type rear removable contacts



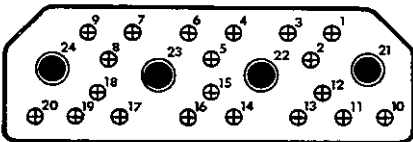
receptacle

plug

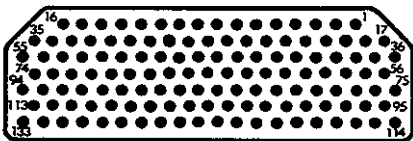
front face of pin insert shown



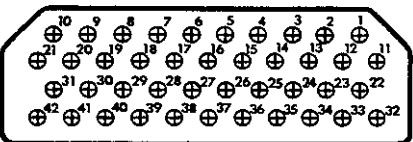
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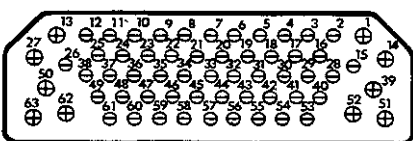
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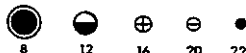
-3



-42



-63



CONTACT LEGEND

The Bendix 10-49195 series rack and panel connectors are provided with rear release crimp type contacts and have a minimum of 50 microinches of gold over copper. This rugged non-environmental connector allows the user to select any of five different insert patterns for general duty applications. (See How to Order.)

Plug shells are set up with eyelet float mounts while receptacle shells have 6-32 lock nuts. Both plug and receptacle shells are die cast aluminum and cadmium plated with a chromate after treatment. Inserts are produced using a glass filled epoxy material. A resilient peripheral seal acts as a vibration dampener and positive polarization is provided by the keystone geometry of the shells.

HOW TO ORDER

The 10-49195 series of rack and panel connectors is ordered by the 10- number, see page 2. To the basic 10- number the desired insert arrangement plus the letter "S"* for socket contacts or "P"* for pin contacts is added. These insert arrangements are listed in the table below.

*Plug is available with socket contacts only. Receptacle is available with pin contacts only.

Bendix Federal Vendor Identification/FSCM 77820

Insert Arrangement	Number and Type of Contacts
-1 ()	24 #12
-2 ()	4 #8 & 20 #16
-3 ()	133 #22
-42 ()	42 #16
-63 ()	10 #16 & 53 #20

RECOMMENDED WIRE SIZES

Insert Arrangement	Max. Dia. Over Wire Insulation	Wire Accommodations
-1	.151 for #12 contacts	AWG #12, 14
-2	.103 for #16 contacts .276 for #8 contacts	AWG #16, 18, 20 for size 16 AWG #8 for size 8
-3	.050 for #22 contacts	AWG #22/26 for size 22 socket AWG #24/28 for size 22 pin
-42	.103 for #16 contacts	AWG #16/20
-63	.103 for #16 contacts .068 for #20 contacts	AWG #16/20 for size 16 AWG #20/24 for size 20

WIRE WELL DATA

Contact	Well Dia.	Well Depth	A	Z Max.	X
Size 22	*	.141 +.016 -.000	.267 +.015 -.016		.763 Min.
Size 20	.045 +.001 -.002	.152 +.029 -.000	.236 ± .015		.766 Min.
Size 16	.067 +.001 -.002	.250 +.034 -.000	.103 +.017 -.016	1.296	.689 Min.
Size 12	.101 ±.002	.250 +.024 -.000	.149 ±.015	1.296	.702 Min.
Size 8	.181 +.002 -.003	.484 +.020 -.000	.108 ±.015	1.530	.662 Min.

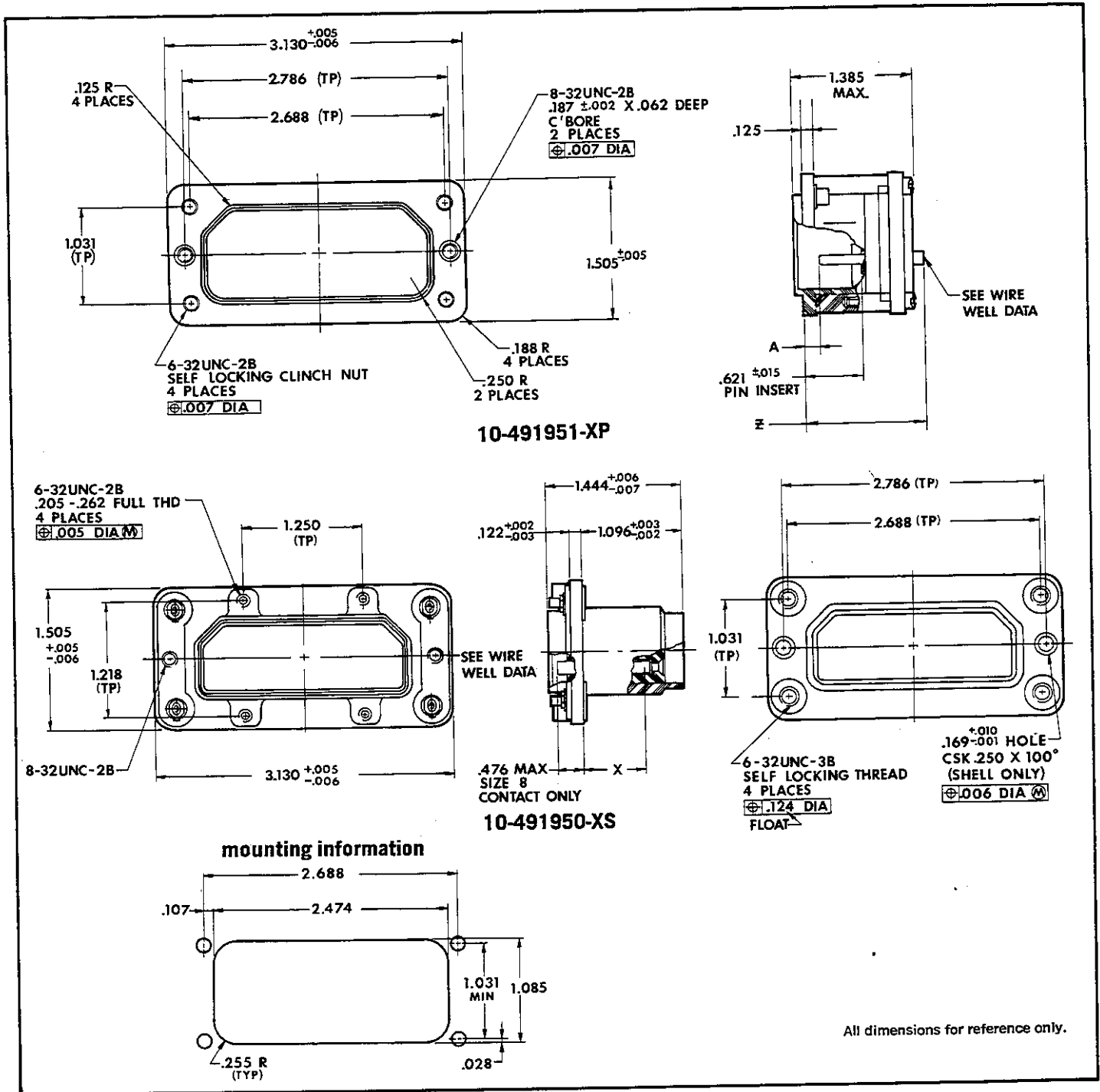
*.028 ± .001 Pin Contacts
.0345 ± .0010 Socket Contacts

LPSRC

10-491951 receptacle

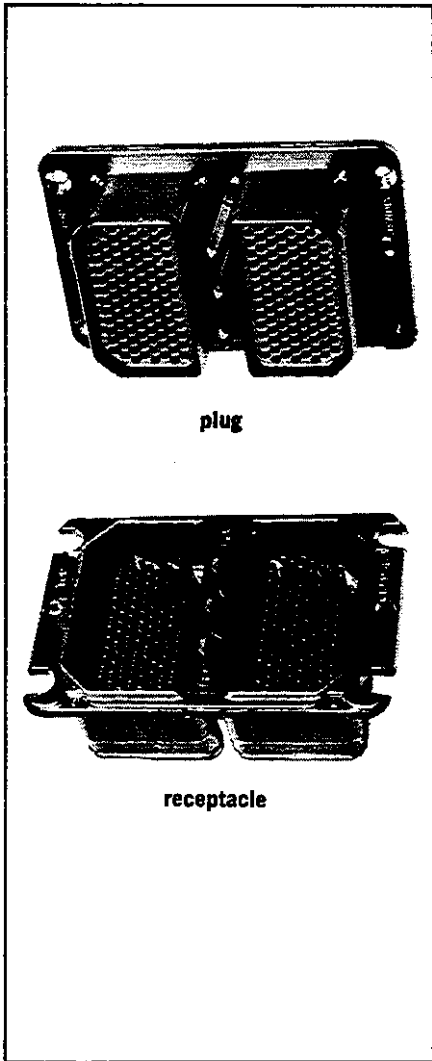
10-491950 plug

mounting information



LPX

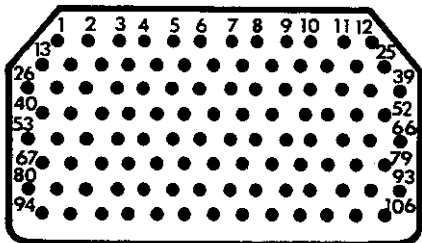
intermountable and intermateable with existing ARINC 404 types



plug

receptacle

front face of pin insert shown



The Bendix LPX rack and panel connector features crimp, rear removable contacts which are interchangeable with contacts used in connectors of similar design.

The one piece aluminum die-cast shell is available in both double and single styles. The double shell style contains three polarizing posts. The shell plating of cadmium is given an after treatment of yellow chromate. This aluminum shell has been designed to maximize strength and reduce weight to an essential minimum.

Crimp type 22 gauge contacts are usable in similarly designed ARINC 404 type connectors. The intent here being to eliminate logistic and stocking problems. These contacts have 50 millionths minimum gold plating over a nickel base plate. Standard existing insertion and removal tools are used when assembling the rear insertable and extractable contacts.

These connectors can also be made available with solderless wrap contacts that are field repairable.

Size 22 contacts have a test current rating of 5 amps. The connector is capable of meeting a temperature environment from a -55 degrees C to +138 degrees C and is designed to meet the performance parameters required by the using aircraft industry.

Other design modifications in shell styles, mounting, and plating are available as are other contact platings. For additional information, please contact Electrical Components Division, Sidney, New York 13838.

HOW TO ORDER

Bendix currently has available a 106 contact arrangement in both single and double shell configurations. To more easily illustrate ordering procedure, part number for the single shell LPXAMA-106-33PXX and part number for the double shell LPX2MA-106P106P-33B-0201 are shown as follows:

Single Shell:

LPX / A / MA - 106 - 33 / P / XX / XX
 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8

1. Series designation:
LPX designates series prefix
2. Shell style:
A designates one piece shell
3. Class:
MA designates crimp type
4. Contact arrangement:
106 designates contact arrangement
(This number does not necessarily indicate number of contacts)
5. Shell type:
33 designates plug (male)
34 designates receptacle (female)
6. Contact type:
P designates pins
S designates sockets
7. Modifications:
-4 indicates mounting holes
.120 dia. countersunk 100°
to .225 dia.
8. Polarization:
Check factory for availability

Bendix Federal Vendor Identification/FSCM 77820

Double Shell:

LPX 2 MA - 106 P 106 P - 33 B - 00 01
 1 2 3 4 5 6 7 8 9 10 11

1. Series designation:
LPX designates Series Prefix
2. Shell style:
2 designates two gang
3. Class:
MA designates crimp type
4. Contact arrangement:
A side, 106 contact configuration
5. Contact type:
P designates pins S designates sockets
6. Contact arrangement:
B side, 106 contact configuration
7. Contact type:
P designates pins S designates sockets
8. Shell type:
33 designates male 34 designates female

9. Shell style:

A (not available from Bendix)

B designates flange placed .060 from front of engaging portion of shell and stainless steel polarizing posts permit polarization before shells engage in ARINC B shell.

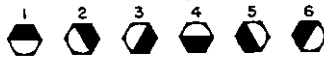
10. Modification: (ARINC B shell)

- 00 designates standard connector
- 02 designates with tabs for attaching junction shells
- 13 designates .237 mounting slot
- 01 designates #4-40 clinch nuts in mounting holes
- 04 designates with tabs for attaching junction shells, .120 mtg. hole countersunk 100° to .230 dia.

11. Polarization:

The last two digits in the four-digit number refer to the polarizing post position. When the last two digits are omitted, the polarizing posts will be assembled in position 01, but the position number is not stamped on the connector. This allows the customer to position the posts and then stamp the appropriate number on the shell. If the last two digits are 00, the polarizing posts are deleted.

Polarizing Positions



33 PLUG MALE SHELL

Position	Left Post	Center Post	Right Post
01	1	1	1
02	2	1	1
03	3	1	1
04	4	1	1
05	5	1	1
06	6	1	1
07	1	1	6
08	2	1	6
09	3	1	6
10	4	1	6
11	5	1	6
12	6	1	6
13	1	1	5
14	2	1	5
15	3	1	5
16	4	1	5
17	5	1	5
18	6	1	5
19	1	1	4
20	2	1	4
21	3	1	4
22	4	1	4
23	5	1	4
24	6	1	4
25	1	1	3
26	2	1	3
27	3	1	3
28	4	1	3
29	5	1	3
30	6	1	3
31	1	1	2
32	2	1	2
33	3	1	2
34	4	1	2
35	5	1	2
36	6	1	2
37	1	2	1
38	2	2	1
39	3	2	1
40	4	2	1
41	5	2	1
42	6	2	1
43	1	2	6
44	2	2	6
45	3	2	6
46	4	2	6
47	5	2	6
48	6	2	6
49	1	2	5
50	2	2	5

Position	Left Post	Center Post	Right Post
51	3	2	5
52	4	2	5
53	5	2	5
54	6	2	5
55	1	2	4
56	2	2	4
57	3	2	4
58	4	2	4
59	5	2	4
60	6	2	4
61	1	2	3
62	2	2	3
63	3	2	3
64	4	2	3
65	5	2	3
66	6	2	3
67	1	2	2
68	2	2	2
69	3	2	2
70	4	2	2
71	5	2	2
72	6	2	2
73	1	3	1
74	2	3	1
75	3	3	1
76	4	3	1
77	5	3	1
78	6	3	1
79	1	3	6
80	2	3	6
81	3	3	6
82	4	3	6
83	5	3	6
84	6	3	6
85	1	3	5
86	2	3	5
87	3	3	5
88	4	3	5
89	5	3	5
90	6	3	5
91	1	3	4
92	2	3	4
93	3	3	4
94	4	3	4
95	5	3	4
96	6	3	4
97	1	3	3
98	2	3	3
99	3	3	3

34 RECEPTACLE FEMALE SHELL

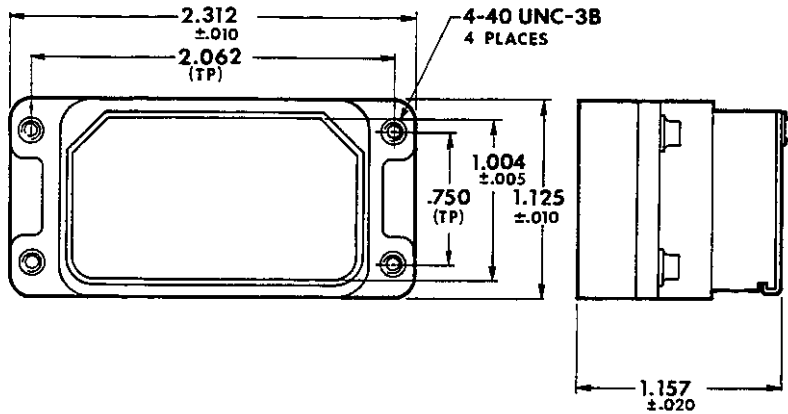
Position	Left Post	Center Post	Right Post
01	4	4	4
02	4	4	3
03	4	4	2
04	4	4	1
05	4	4	6
06	4	4	5
07	5	4	4
08	5	4	3
09	5	4	2
10	5	4	1
11	5	4	6
12	5	4	5
13	6	4	4
14	6	4	3
15	6	4	2
16	6	4	1
17	6	4	6
18	6	4	5
19	1	4	4
20	1	4	3
21	1	4	2
22	1	4	1
23	1	4	6
24	1	4	5
25	2	4	4
26	2	4	3
27	2	4	2
28	2	4	1
29	2	4	6
30	2	4	5
31	3	4	4
32	3	4	3
33	3	4	2
34	3	4	1
35	3	4	6
36	3	4	5
37	4	3	4
38	4	3	3
39	4	3	2
40	4	3	1
41	4	3	6
42	4	3	5
43	5	3	4
44	5	3	3
45	5	3	2
46	5	3	1
47	5	3	6
48	5	3	5
49	6	3	4
50	6	3	3

Position	Left Post	Center Post	Right Post
51	6	3	2
52	6	3	1
53	6	3	6
54	6	3	5
55	1	3	4
56	1	3	3
57	1	3	2
58	1	3	1
59	1	3	6
60	1	3	5
61	2	3	4
62	2	3	3
63	2	3	2
64	2	3	1
65	2	3	6
66	2	3	5
67	3	3	4
68	3	3	3
69	3	3	2
70	3	3	1
71	3	3	6
72	3	3	5
73	4	3	4
74	4	3	3
75	4	3	2
76	4	3	1
77	4	3	6
78	4	3	5
79	5	3	4
80	5	3	3
81	5	3	2
82	5	3	1
83	5	3	6
84	5	3	5
85	6	3	4
86	6	3	3
87	6	3	2
88	6	3	1
89	6	3	6
90	6	3	5
91	1	2	4
92	1	2	3
93	1	2	2
94	1	2	1
95	1	2	6
96	1	2	5
97	2	2	4
98	2	2	3
99	2	2	2

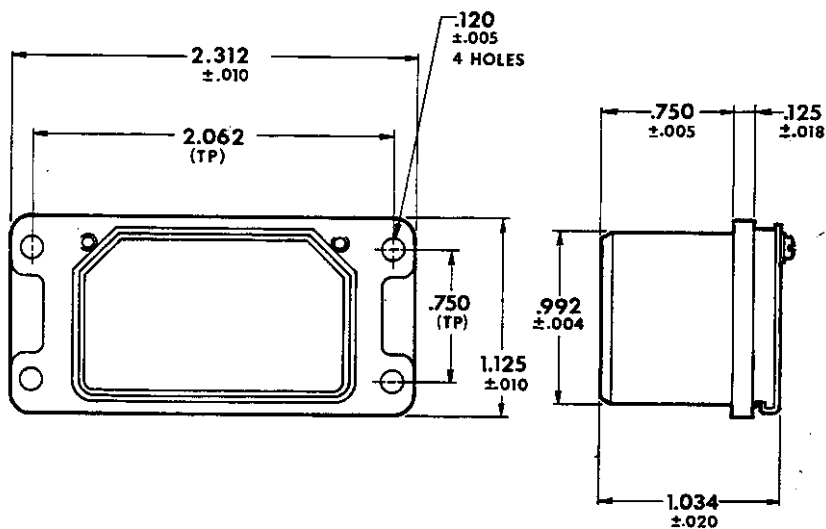
LPX

LPXAMA receptacle

LPXAMA plug



LPXAMA-XXX-34XXXXX*



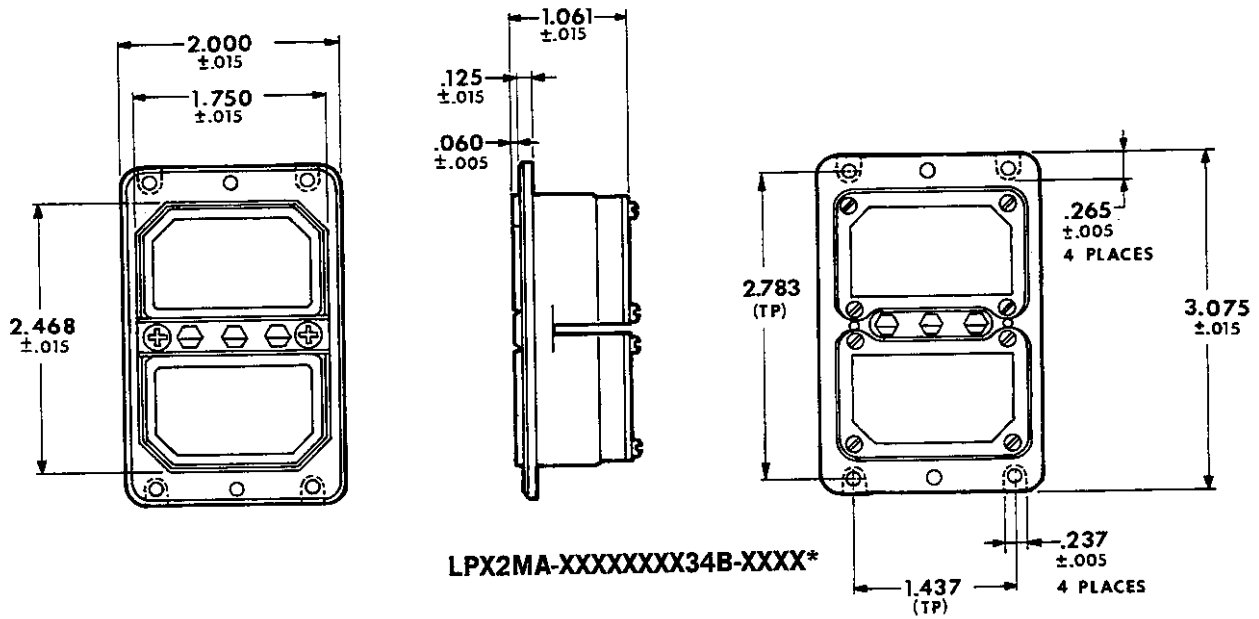
LPXAMA-XXX-33XXXXX*

All dimensions for reference only.
 * To complete order number, see page 3.

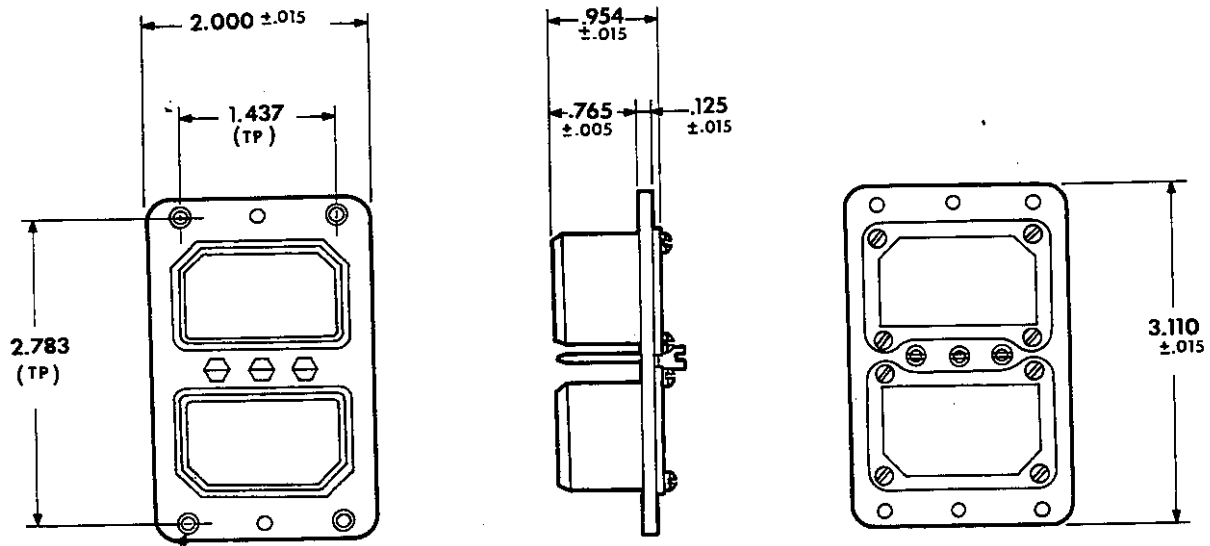
LPX

LPX2MA receptacle

LPX2MA plug



LPX2MA-XXXXXXX34B-XXXX*



.120 ±.002 DIA
CSK 82° TO
.230 DIA
4 PLACES

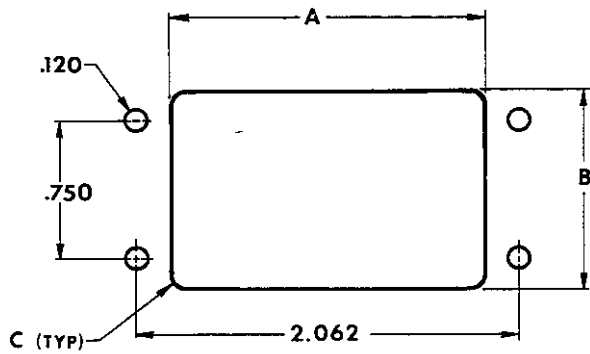
LPX2MA-XXXXXXX33B-XXXX*

All dimensions for reference only.
*To complete order number, see page 4.

LPX

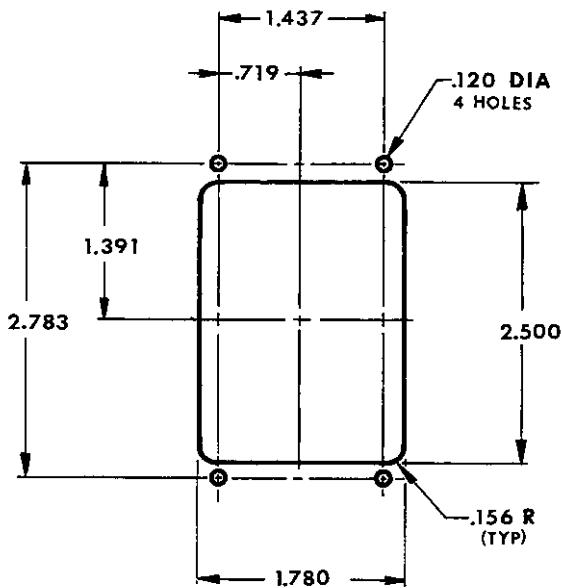
mounting information

LPXAMA mounting information

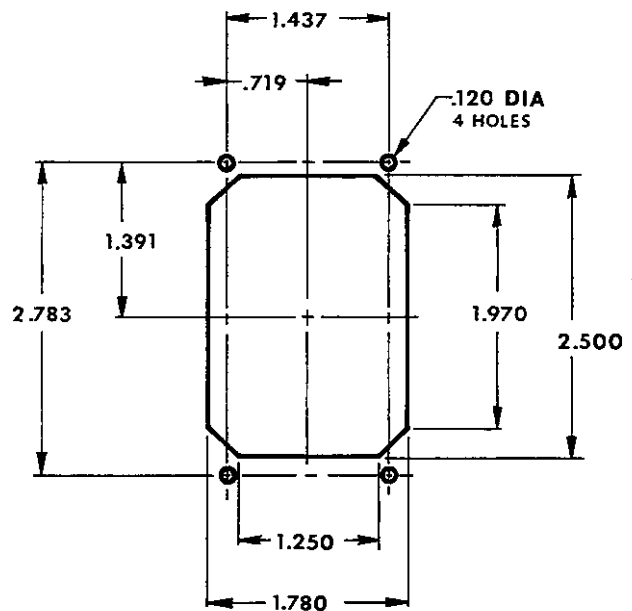


Shell Style	Clearance Hole				Mount. Hole C Radius	Gap Between Flanges After Mating
	A Length		B Width			
	Front	Rear	Front	Rear		
Receptacle	1.781	1.781	1.140	1.140	.187	.375
Plug	1.640	1.703	1.031	1.093	.125	.375

LPX2MA front mounting

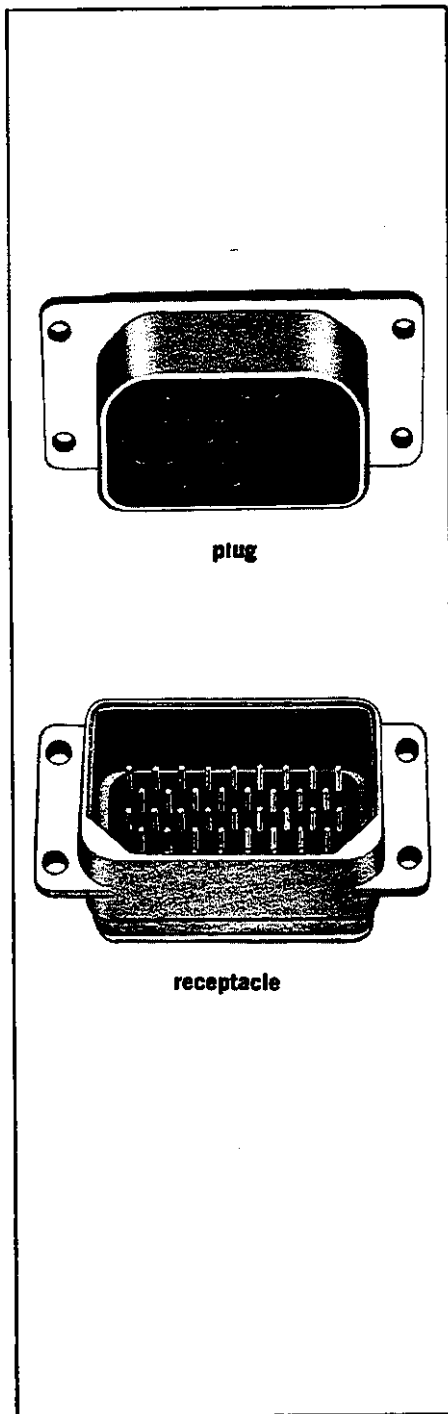


LPX2MA rear mounting



All dimensions for reference only.

SR for sliding rack applications



The SR electrical connector is intended for sliding rack applications and incorporates Bendix resilient insert material per MIL-STD-417.

Solid die cast aluminum shells are cadmium plated to QQ-P-416, Type II, Class 3, with a chromate aftertreatment.

The resilient inserts grip the contacts firmly and are capable of withstanding severe vibration and physical shock. A resilient insert may be readily pressurized, and offers a good barrier to moisture, gasses, dirt, etc.

Closed entry sockets in sizes 16 and 20 and mating pins are machined of high quality copper alloys for maximum strength. Gold plating over suitable underplate provides good electrical continuity. The gold plating eliminates corrosion and offers an indefinite shelf life. Sizes 4 and 8 coaxial and power contacts are also available.

Polarization is accomplished by the use of tapered corners and will mate with existing field equipment. The SR series is available with either pin or socket contacts in the plug or receptacle in the following classes.

- General duty—intended for general utility usage
- Potted—general duty class plus potting mold
- Pressurized—designed to withstand 30 psi within a temperature range of -55°C to $+125^{\circ}\text{C}$
- Pressurized potted—pressurized class plus potting mold
- A wide flange receptacle is available for pressurized applications requiring sealing at the flange

HOW TO ORDER

To more easily illustrate ordering procedure, part number SR-RA1-N40A-S1 is shown as follows:

SR	-	R	A	1	-	N	40A	-	S	1
1		2	3	4		5	6		7	8

1. Connector Type:
SR designates sliding rack
2. Shell Style:
R designates receptacle
P designates plug
W designates wide flange receptacle (pressurized use only)
3. Service Class:
A designates general duty
C designates pressurized
F designates pressurized and potted
P designates potted
4. Shell Finish:
1 designates bright cadmium plate
2 designates black anodize
3 designates olive drab cadmium plate
4 designates gray anodize
5. Dielectric:
N designates neoprene
6. Insert Arrangements:
40A designates insert arrangement (see pages 9 thru 12).
7. Contacts:
P designates pin contacts
S designates solder contacts
8. Contact Plating:
1 designates .000050 gold over silver
3 designates .000100 gold over silver
7 designates .000100 gold over copper
9 designates .000050 gold over nickel

SR

contact and insert identification

Insert Arrangement	Service Rating	Contact Size				Number of Contacts	Pin Contacts		Number of Contacts	Socket Contacts	
		4	8	16	20		Code ‡	Identification		Code ‡	Identification
4A	A	2	2			2	F	B, C	2	F	B, C
						2	H	A, D	2	H	A, D
4B	A	2	2			2	G	B, C	2	G	B, C
						2	J	A, D	2	J	A, D
7A	†		7			7	K	1-7	4	L	1, 2, 4, 5
									3	M	3, 6, 7
7B	†		7				Use 7A		7	L	1-7
7C	†		7				Use 7A		4	L	1, 2, 4, 5
									3	N	3, 6, 7
7D	†		7				Use 7A		7	K	1-7
7E	Inst.		7			7	F	1-7	7	F	1-7
8A	*		2	6		2	F	D, H	2	F	D, H
						6	C	A-C, E-G	6	C	A-C, E-G
13A	D			13		13	C	1-13	13	C	1-13
13B	**				13	1	Q	A1	1	Q	A1
						12	A	1-12	12	A	1-12
16A	***		3		13	3	K	1-3	2	L	1, 3
						13	A	4-16	1	M	2
									13	A	4-16
16B	***		3		13	Use 16A		3	L	1-3	
								13	A	4-16	
16C	***		3		13	Use 16A		2	L	1-3	
								1	N	2	
								13	A	4-16	
17A	D				17	17	A	1-17	17	A	1-17
23A	****				23	23	A	1-23	23	A	1-23
25A	* *		3		22	3	K	1-3	2	L	1, 3
						22	A	4-25	1	M	2
									22	A	4-25
25B	* *		3		22	Use 25A		3	L	1-3	
								22	A	4-25	
25C	* *		3		22	Use 25A		2	L	1, 3	
								1	N	2	
								22	A	4-25	

‡ This column is a key that is used in conjunction with a column under the same heading in the chart illustrating contact types and enables the user to tie specific information in this table to a specific illustration in the contact chart.

† 1000 VAC rms, center to outer coax contacts

SR

contact and insert identification (continued)

Insert Arrangement	Service Rating	Contact Size				Number of Contacts	Pin Contacts		Number of Contacts	Socket Contacts	
		4	8	16	20		Code †	Identification		Code †	Identification
25D	*		3		22	3	O	1-3	3	O	1-3
						22	A	4-25	22	A	4-25
25E	*		3		22	2	P	1, 3	2	P	1, 3
						1	O	2	1	O	2
						22	A	4-25	22	A	4-25
25F	**		3		22	Use 25A		3	K	1-3	
						22	A	4-25	22	A	4-25
25G	‡		3		22	3	L	1-3	Use 25A		
						22	A	4-25			
26A	A			26	26	C	1-26	26	C	1-26	
26B	A			26	8	D	1-8	8	D	1-8	
					18	C	9-26	18	C	9-18	
27A	*****		1		26	1	L	A3	1	L	A3
						2	B	A1, A2	2	B	A1, A2
						24	A	1-24	24	A	1-24
32A	*****			3	29	3	C	2, 5, 6	3	C	2, 5, 6
						29	A	1, 3, 4, 7-32	29	A	1, 3, 4, 7-12
40A	A				40	40	A	1-40	40	A	1-40
40B	A				40	6	B	1, 9, 15, 25, 32, 35	6	B	1, 9, 15, 25, 32, 35
						34	A	2-8, 10-14, 16-24, 26-31, 33, 34, 36-40	34	A	2-8, 10-14, 16-24, 26-31, 33, 34, 36-40
40C	A				40	16	B	1, 3, 6, 9, 12, 15, 19, 30, 23-25, 32, 35, 37, 40	16	B	1, 3, 6, 9, 12, 15, 19, 30, 23-25, 32, 35, 37, 40
						24	A	4, 5, 7, 8, 10, 11, 13, 14, 16-18, 20-22, 26-29, 31, 33, 34, 36, 38, 39	24	A	4, 5, 7, 8, 10, 11, 13, 14, 16-18, 20-22, 26-29, 31, 33, 34, 36, 38, 39
57A	Inst.				57	57	A	1-57	57	A	1-57

†This column is a key that is used in conjunction with a column under the same heading in the chart illustrating contact types and enables the user to tie specific information in this table to a specific illustration in the contact chart.

*B, F = D, Bal. = A

**A-1 = 6500 VAC rms, 5, 6 = E, Bal. = A

***4, 5, 6, 7 = D, Bal. = A

****1-14 = A, 15-23 = D

*****1-24 = A, A1 & A2 = HiVolt 3500 VAC rms

*****1-6 = D, Bal. = A

‡1, 2, 3 = †, bal. = A

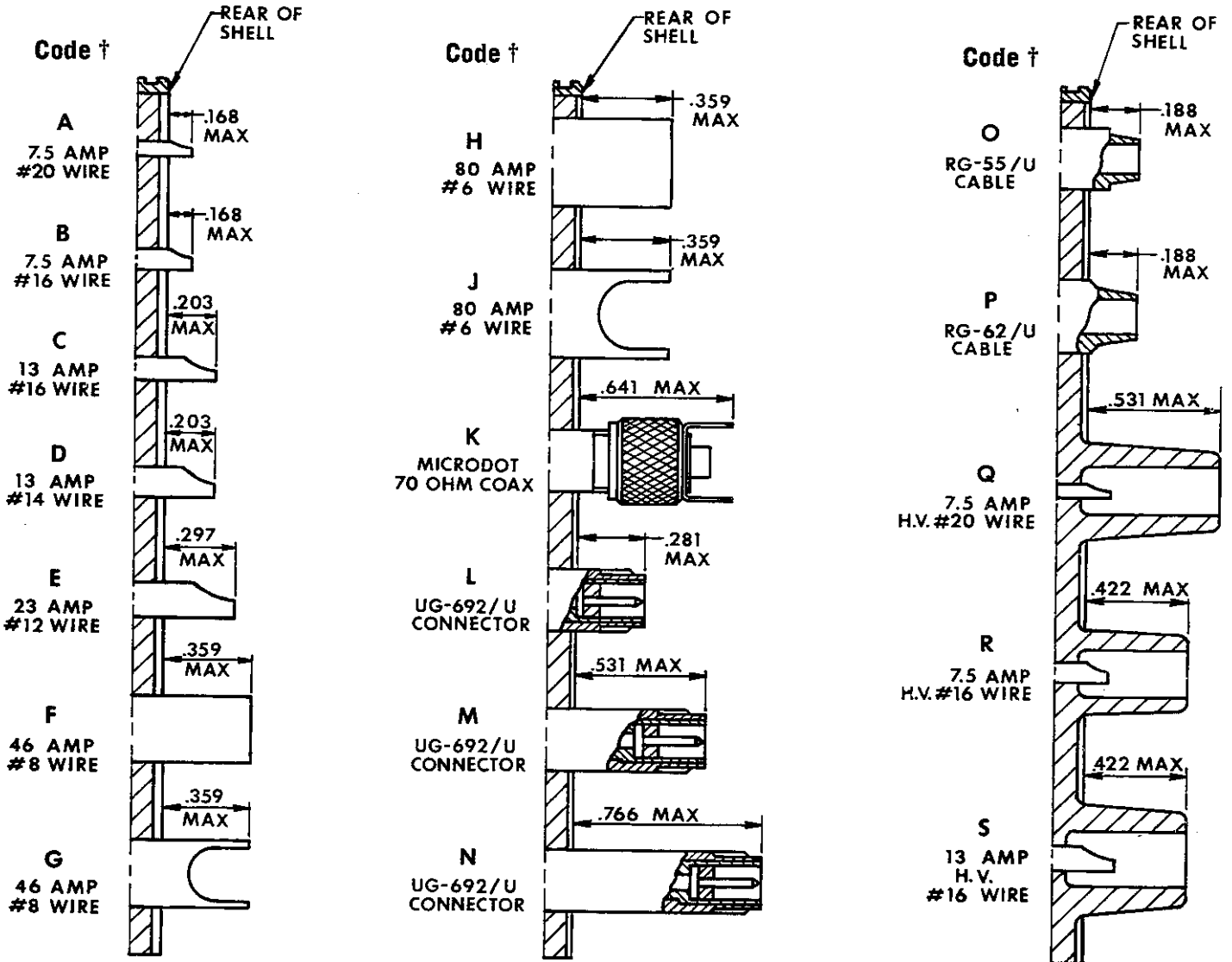
CONTACT ARRANGEMENT SERVICE RATING

MS Service	Recommended Operating Voltage* at Sea Level		Effective Creepage Distance Nom.	Mechanical Spacing Nom.
	DC	AC rms		
Inst.	250	200	1/16	
A	700	500	1/8	1/16
D	1250	900	3/16	1/8
E	1750	1250	1/4	3/16

SR

contact types, insert arrangements

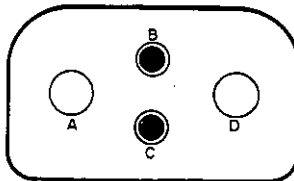
front face of pin insert shown



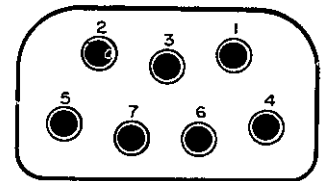
† accommodates Wire, Cable, or Connector

insert arrangement
number of contacts
size of contact
service rating

4A, 4B
4
2, 4 2, 8
A



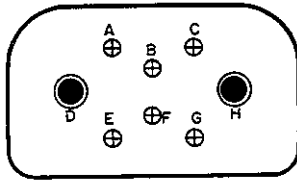
7A thru 7E
7
7, 8
INST.



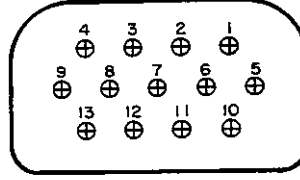
SR

insert arrangements (cont'd)

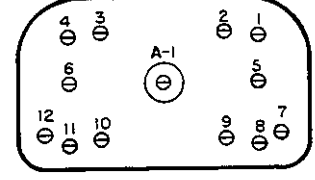
front face of pin insert shown



8A
8
2, 8 6, 16
*

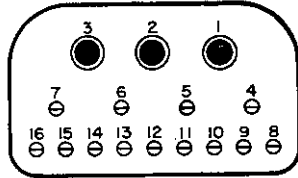


13A
13
13, 16
D

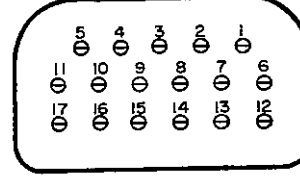


13B
13
13, 20
**

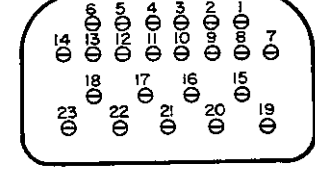
insert arrangement
number of contacts
size of contact
service rating



16A thru 16C
16
3, 8 13, 20

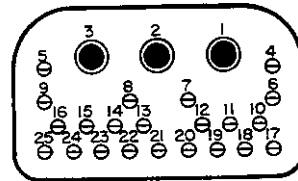


17A
17
17, 20
D

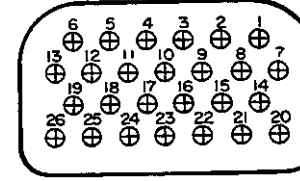


23A
23
23, 20

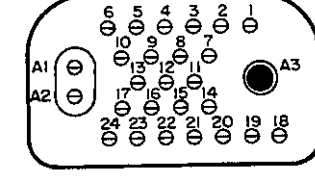
insert arrangement
number of contacts
size of contact
service rating



25A thru 25G
25
3, 8 22, 20
A

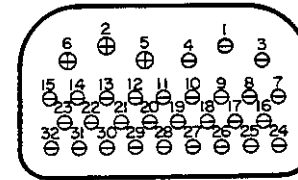


26A, 26B
26
26, 16
A

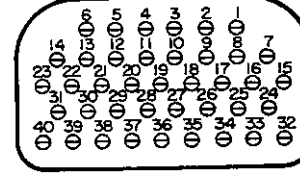


27A
27
1, 16 26, 20

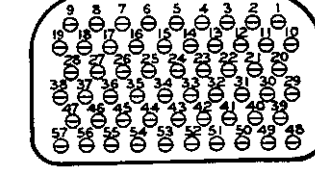
insert arrangement
number of contacts
size of contact
service rating



32A
32
3, 16 29, 20

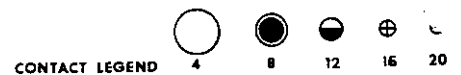


40A thru 40C
40
40, 20
A

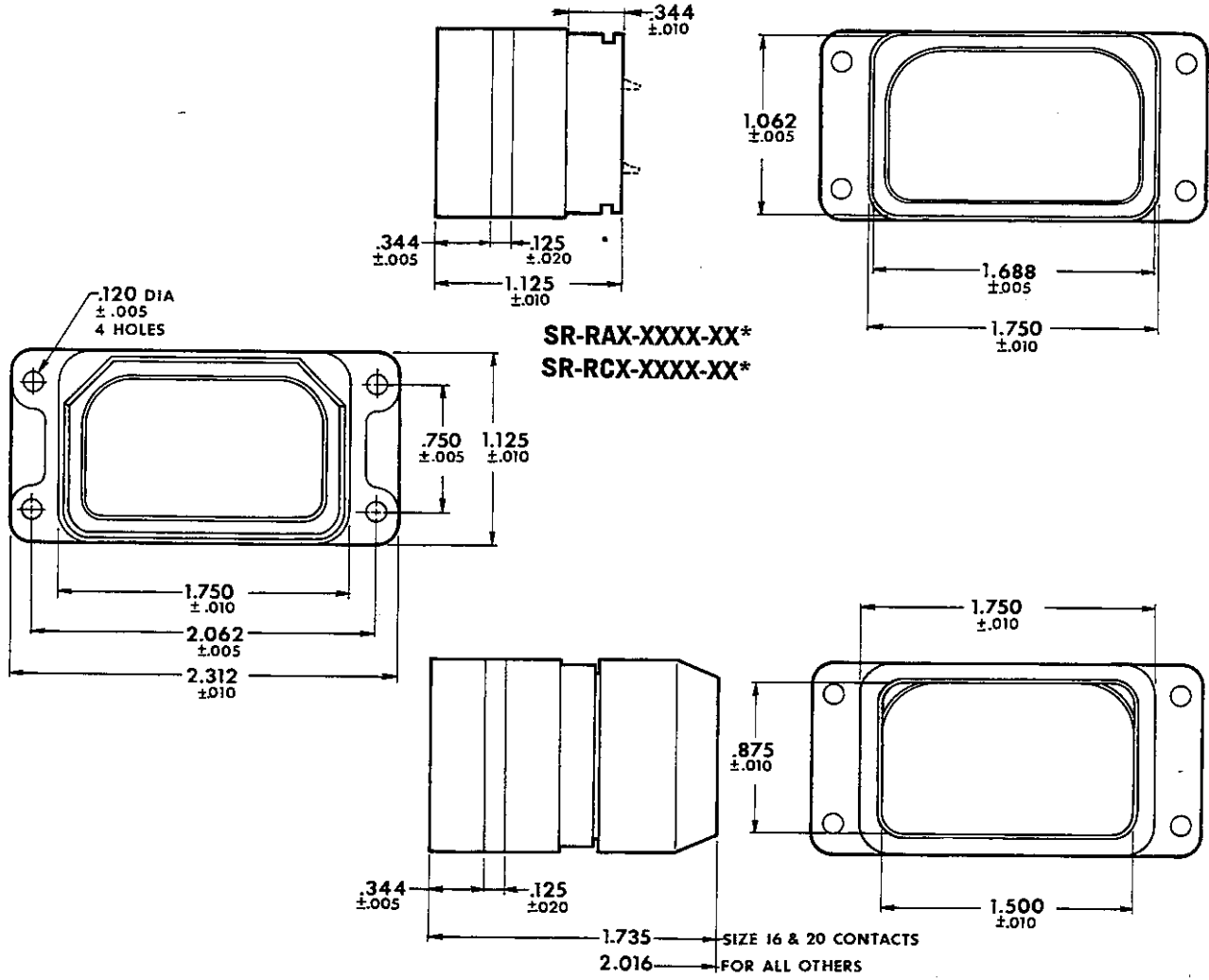


57A
57
57, 20
INST.

insert arrangement
number of contacts
size of contact
service rating



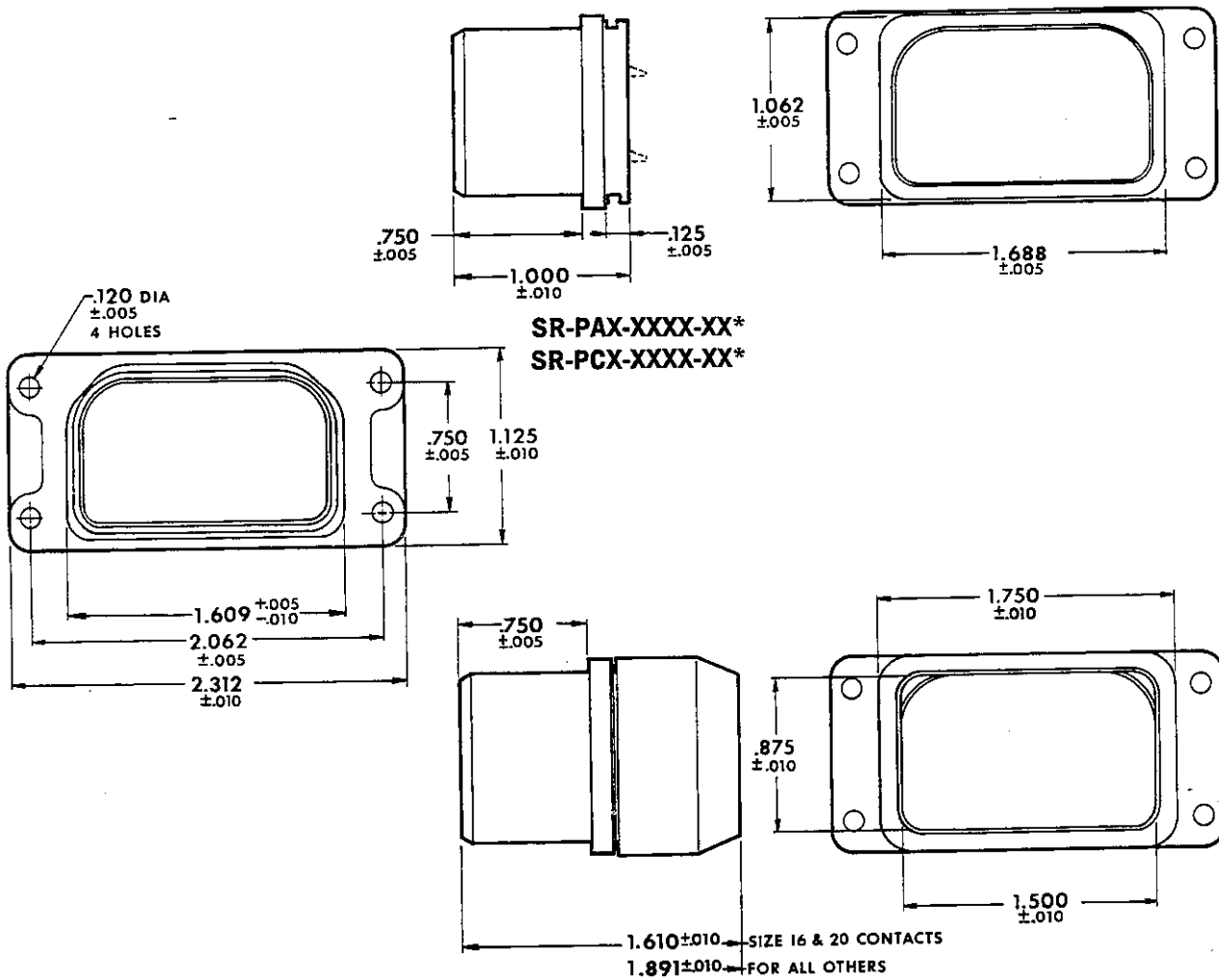
SR SR-R receptacle



All dimensions for reference only.
*To complete order number, see page 8.

SR-RPX-XXXX-XX*
SR-RFX-XXXX-XX*

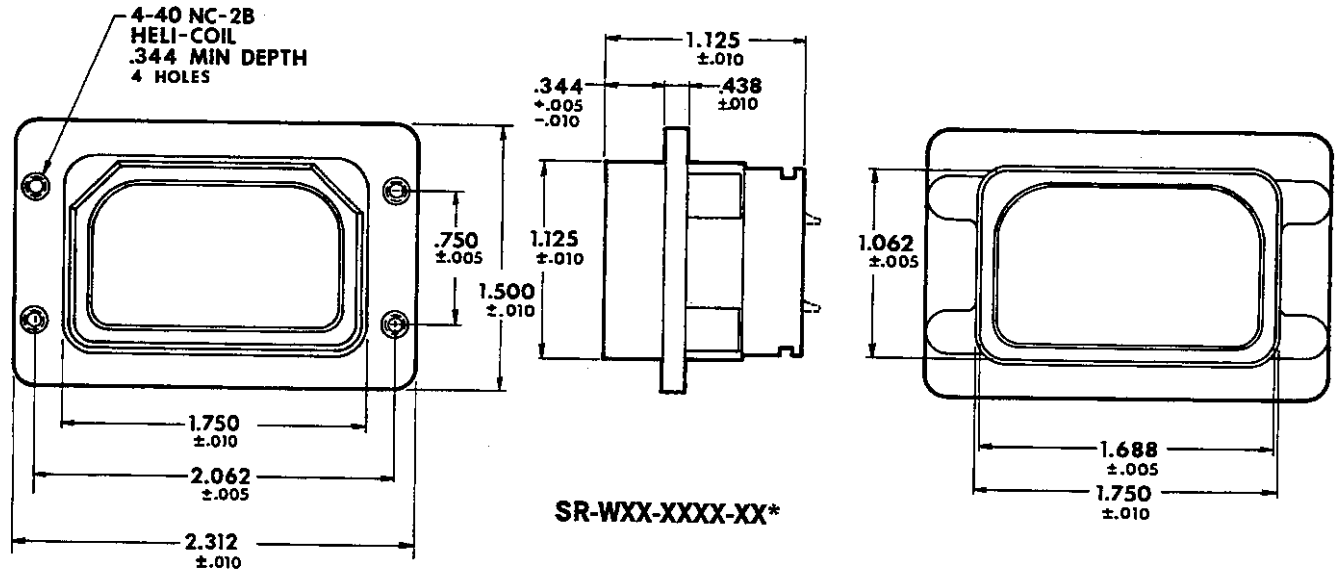
SR SR-P plug



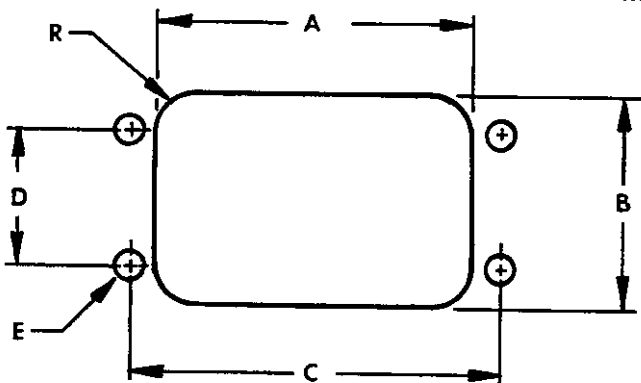
All dimensions for reference only.
*To complete order number, see page 8.

SR SR-W

wide flange receptacle mounting information



mounting information



Shell Style	A		B		R	C	D	E ±.005	*
	front	rear	front	rear					
SR-PA (Plug)	1.781	1.719	1.156	1.094	.125	2.062	.750	.120	.375
SR-RA (Recep)	1.781	1.781	1.156	1.156	.188	2.062	.750	.120	.375
SR-WC (**)	1.781		1.156		.188	2.062	.750	.120	.375

*Max. allowable space for back panel mounting.
Decimals ±.010 tolerance.

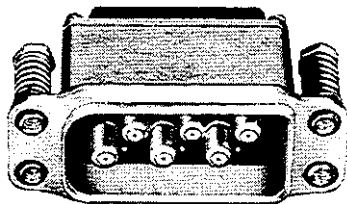
**Wide flange receptacle uses 4-40NC-2B Heli-Coil, .344 Min. Depth, 4 holes.

All dimensions for reference only.

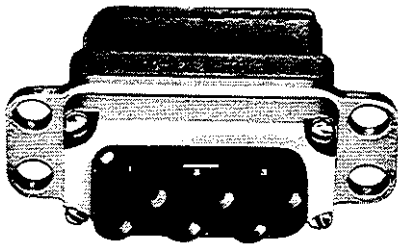
* To complete order number, see page 8.

LE

all the features of the PT-SE in a rectangular package.



receptacle



plug

The Bendix LE Rack and Panel electrical connector is a MIL-C-26518 type, with neoprene resilient inserts and cast shells; designed to terminate with either standard or coaxial crimp contacts. Performance is in the -55°C to $+125^{\circ}\text{C}$ range.

Receptacles with coaxial arrangements are available with a unique metal web as an integral part of the shell so that all outer coax contact conductors are completely grounded to the shell. This EMR proof design uses our dependable PT-SE type, size 8 coaxial contacts (procured separately) for a variety of RG cable types (see table, page 18)

Standard, crimp type, size 20 contacts are available in two insert arrangements offering patterns of 52 or 102 circuit possibilities. Standard application tooling will accommodate this complete line. A full complement of accessories includes floating spring mounts, protection caps, and metal dummy plugs for coax contacts. Hoods, cable clamps and jack screws for mating are designed and can be made available for optional usage.

Application tools for the size 20 contact: Crimping tool 11-7295(MS3191-1) or M22520 1-01 turret head M22520/1-02. Insertion tool 11-8107-20 or 11-7401-20. Removal tool 11-7880-20. For complete information see L-729. Application tools for coax. contact (see table, page 18).

HOW TO ORDER

To more easily illustrate ordering procedure, part number LEE6SE-12/29-6S is shown as follows:

$$\frac{L}{1} \frac{E}{2} \frac{E}{3} \frac{6}{4} \frac{S}{5} \frac{E}{6} - \frac{12}{7} / \frac{29}{8} - \frac{6}{9} \frac{S}{10}$$

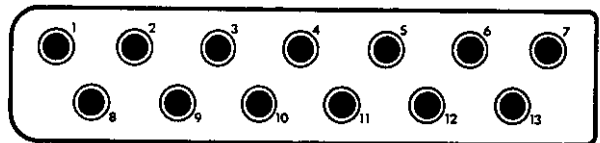
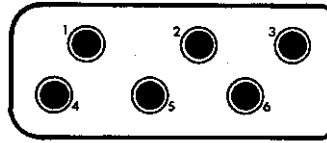
1. Connector type:
L designates Rack and Panel Connector.
2. E designates connector series.
3. E designates grounding feature of coax outer contact.
No letter designates a standard series with the connectors supplied with clearance holes for mounting.
4. Shell style:
0 designates wall mounting receptacle.
6 designates straight plug.
5. Contact termination:
S designates crimp with front release rear removal mechanical retention.
6. Assembly class:
E designates environmental.
7. 12 designates flange width in tenths of an inch. Round off all widths to nearest tenth.
8. 29 designates flange length in tenths of an inch. Round off all lengths to nearest tenth.
9. 6 designates insert arrangement. This number does not necessarily indicate number of contacts (see page 17).
10. Contact type:
P designates pins.
S designates sockets.

LE

insert arrangements

front face of pin insert shown

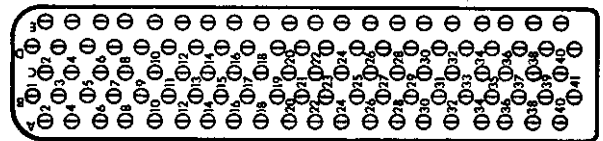
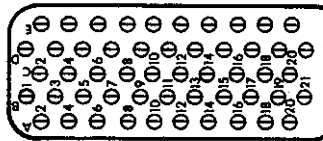
mounting information



insert arrangement
number of contacts
size of contacts

6
6
6, 8 coax.

13
13
13, 8 coax.



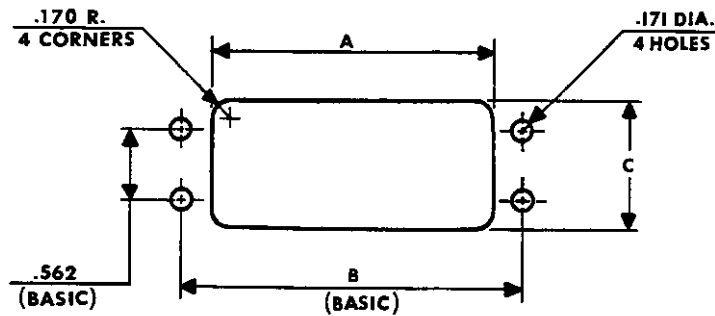
insert arrangement
number of contacts
size of contacts

52
52
52, 20

2
102
102, 20



mounting information

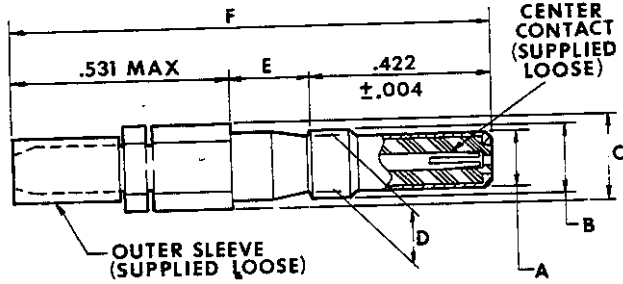


CONNECTOR ASSEMBLY NO.	A	B ±.005	C ±.005
LE6SE-12/29-6S, LEE0SE-12/29-6P LE6SE-12/29-52S, LE0SE-12/29-52P	1.970	2.445	1.015
LE6SE-12/43-13S, LEE0SE-12/43-13P LE6SE-12/43-2S, LE0SE-12/43-2P	3.395	3.875	1.015

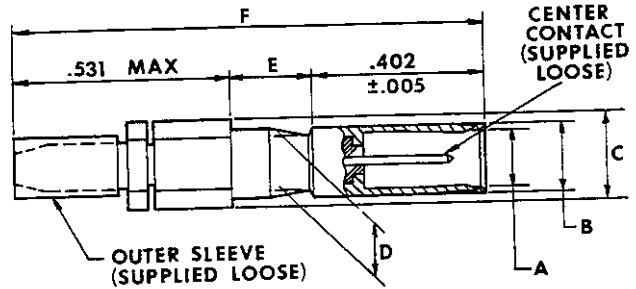
All dimensions for reference only.

LE

Coax. Contacts, Cable Data and Application Tools



Pin



Socket

Coax Contact Size	A Dia. +.0015 - .0010	B Dia. +.0017 - .0012	C Dia. Min.	C Dia. Max.	D Dia. +.0022 - .0017	E +.002 - .000	F Ref.
8	.2180	.2854	.3160	.3178	.2594	.251	1.156

All dimensions for reference only.

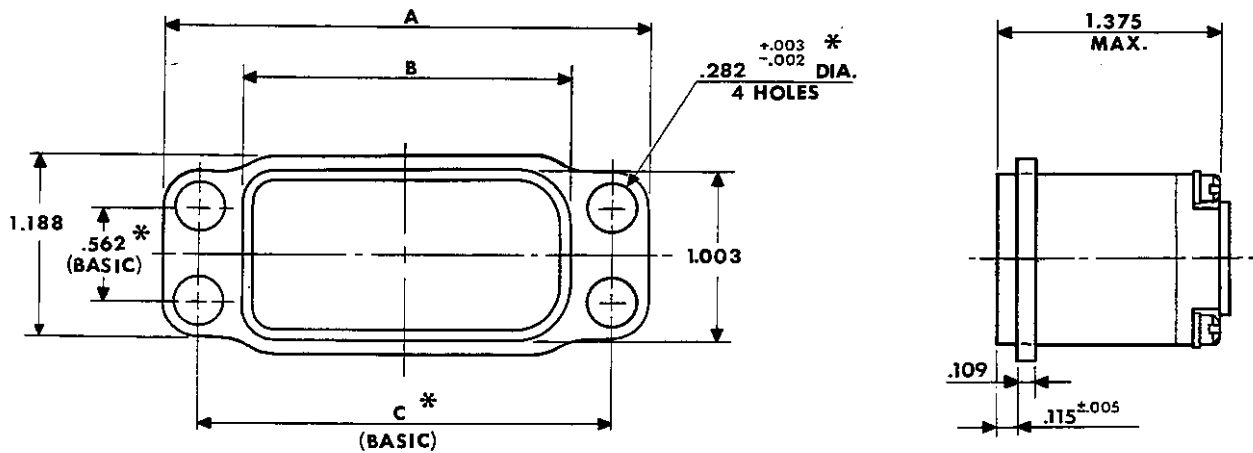
Coax Contact Size	A Dia. +.0015 - .0010	B Dia. +.0017 - .0012	C Dia. Min.	C Dia. Max.	D Dia. +.0022 - .0017	E +.002 - .000	F Ref.
8	.2220	.2854	.3160	.3178	.2594	.251	1.144

All dimensions for reference only.

Part No.	Size	Type	Cable	Crimping Tool*		Insertion Tool	Removal Tool	Insert** Arrangement
				Inner Contact	Outer Barrel			
21-33012-21 Pin 21-33011-21 Soc.	8	Gasketseal	RG-55B/U RG-142A, B/U RG-223/U	Solder	T & B WT 208 or WT 408	11-8660-5	11-7880-8	-6, -13
21-33012-22 Pin 21-33011-22 Soc.	8	Gasketseal	RG-58C/U RG-141A/U	Solder	T & B WT 203 or WT 403	11-8660-4	11-7880-8	-6, -13
21-33012-23 Pin 21-33011-23 Soc.	8	Gasketseal	RG-122/U	Solder	T & B WT 203 or WT 403	11-8660-4	11-7880-8	-6, -13
21-33012-24 Pin 21-33011-24 Soc.	8	Gasketseal	RG-180B/U RG-195A/U	Solder	T & B WT 203 or WT 403	11-8660-4	11-7880-8	-6, -13
21-33012-25 Pin 21-33011-25 Soc.	8	Impedance Matched	RG-55B/U RG-142A, B/U RG-223/U	Solder	T & B WT 208 or WT 408	11-8660-5	11-7880-8	-6, -13
21-33012-26 Pin 21-33011-26 Soc.	8	Impedance Matched	RG-58C/U RG-141A/U	Solder	T & B WT 203 or WT 403	11-8660-4	11-7880-8	-6, -13
21-33012-27 Pin 21-33011-27 Soc.	8	Impedance Matched	RG-122/U Raychem No. 82-403	Solder	T & B WT 203 or WT 403	11-8660-4	11-7880-8	-6, -13

*This tool is available from Thomas & Betts or any of their authorized suppliers.
 **These arrangements supplied without contacts.

LE LEOSE receptacle



LEOSE-12/XX-XX***
LEEOSE-12/XX-XX***

*Mounting dimensions.

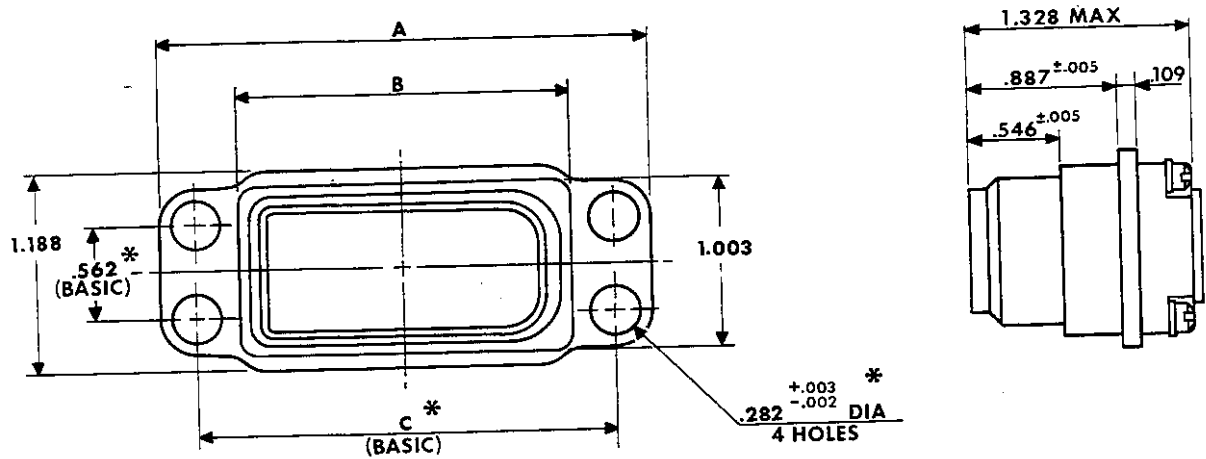
**Uses size 8, crimp type SE coaxial contacts, others use size 20 standard crimp contact. Coaxial contacts should be procured separately.

***To complete order number, see page 16.

Part Number	Mates with	A ±.015	B +.010 -.005	C ±.005
LEOSE-12/43-2P	LE6SE-12/43-2S	4.296	3.375	3.875
**LEEOSE-12/29-6P	**LE6SE-12/29-6S	2.866	1.945	2.445
**LEEOSE-12/43-13P	**LE6SE-12/43-13S	4.296	3.375	3.875
LEOSE-12/29-52P	LE6SE-12/29-52S	2.866	1.945	2.445

All dimensions for reference only.

LE LE6SE plug



LE6SE-12/XX-XX***

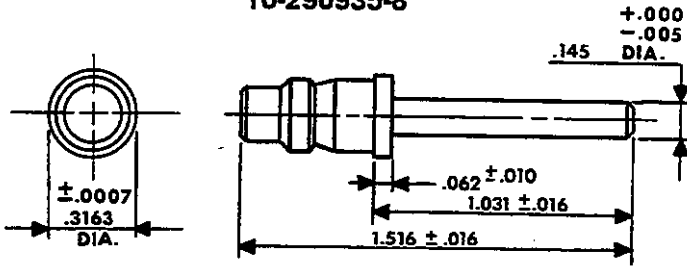
*Mounting dimensions.
 **Uses size 8, crimp type SE coaxial contacts, others use size 20 standard crimp contact. Coaxial contacts should be procured separately.
 ***To complete order number, see page 16.

Part Number	Mates with	A ±.015	B	C ±.005
LE6SE-12/43-2S	LE0SE-12/43-2P	4.296	3.378	3.875
**LE6SE-12/29-6S	**LEE0SE-12/29-6P	2.866	1.949	2.445
**LE6SE-12/43-13S	**LEE0SE-12/43-13P	4.296	3.378	3.875
LE6SE-12/29-52S	LE0SE-12/29-52P	2.866	1.949	2.445

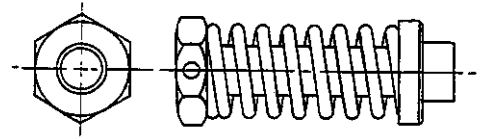
All dimensions for reference only.

LE accessories

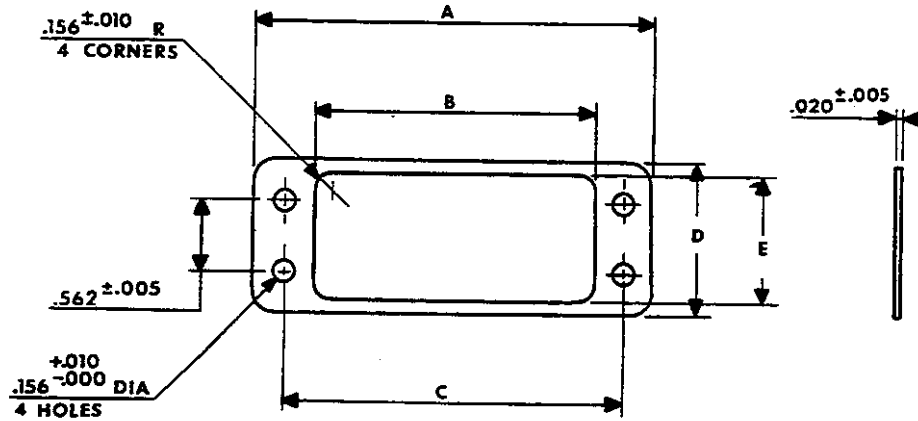
Dummy Contact
10-290935-8



Spring Mount Assy.
10-313721 (ref. MS24695-1)



Mounting Gasket
10-290931-6/-13



Part Number	Used with Connector	A	B	C ±.005	D +.016 -.000	E +.010 -.000
10-290931-6	LE6SE-12/29-6S LEE0SE-12/29-6P	2.866	1.970	2.445	1.200	1.009
10-290931-13	LE6SE-12/43-13S LEE0SE-12/43-13P	4.296	3.395	3.875	1.200	1.009

Accessories are available for separate procurement. They are not shipped as part of connector assembly.
All dimensions for reference only.