

HOW TO ORDER JN1003 SERIES CONNECTORS

1	2	3	4	5
JN1003A	1608	P	N	1
SHELL STYLE	LAYOUT	CONTACT	POLARIZATION	MODIFIER

STEP 1: SELECT SHELL STYLE, PLUG OR RECEPTACLE

RECEPTACLES ← Mates with → **PLUGS**




JN1003A
Jam Nut Receptacle



JN1003B
Wall Mount Receptacle



JN1003H
Box Mount Receptacle



JN1003FG
Plug with Grounding Fingers

STEP 2: SELECT LAYOUT

For listing by # of contacts, ⇨ see pages 270-273.

LAYOUT NUMBER	SERVICE RATING	TOTAL CONTACTS	CONTACTS											
			22D	22M	22	20	16	12	12 (COAX)	10 (POWER)	8 (COAX)	8 (TWINAX)		
8-35	M	6	6											
8-98	I	3					3							
10-02 ♦	I	2						2						
10-35	M	13	13											
10-98	I	6					6							
12-04	I	4						4						
12-35	M	22	22											
12-98	I	10					10							
14-19	I	19					19							
14-35	M	37	37											
14-97 ♦	I	12					8	4						
16-06	I	6							6					
16-08	II	8						8						
16-26	I	26					26							
16-35	M	55	55											
18-11	II	11						11						
18-12	N	12					6	4						2**
18-17	M	17	10				1	4						2**
18-32	I	32					32							
18-35	M	66	66											
20-11 ♦	I	11							11					
20-16	II	16						16						
20-35	M	79	79											
20-41	I	41					41							
22-21	II	21						21						
22-35	M	100	100											
22-53	I	53					53							
24-04	I	56					48	8						
24-07 ♦	M	99	97											2**
24-19 ♦	I	19							19					
24-20 ♦	N	30					10	13		4 ♦				3**
24-35	M	128	128											
24-37 ♦	I	37						37						
24-41		41												
24-61	I	61					61	16						

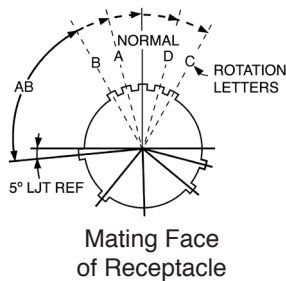
♦ Not tooled for RP or 02RE * Coax ** Twinax ◆ 20-24 is supplied with 2#12 coax and 2 #12 shielded contacts

STEP 3: SELECT CONTACT



STEP 4: SELECT ROTATION

- N** = Normal Standard
- A** = Highly-Popular
- B** = Limited Availability
- C** = Check for Availability
- D** = Check for Availability



SHELL SIZE	N	A	B	C	D
9	95	77	-	-	113
11	95	81	67	123	109
13	95	75	63	127	115
15	95	74	61	129	116
17	95	77	65	125	113
19	95	77	65	125	113
21	95	77	65	125	113
23	95	80	69	121	110
25	95	80	69	121	110

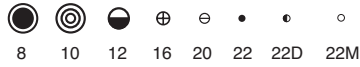
STEP 5: SELECT MODIFIER

↓

Leave blank for connector delivered without contacts **1** = Connector delivered with contacts

LAYOUTS BY NUMBER OF CONTACTS

View of mating-face of pin insert



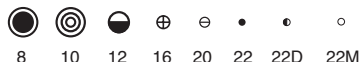
Drawing not to scale; mating face view of pin insert shown (socket view is opposite)

CONTACTS	1	2	3	4			
<p>LAYOUT # OF CONTACTS SERVICE RATING</p>	 10-1 1-#8 ** M	 10-2 2-#16 I	 8-98 3-#20 I	 8-44 4-#22 M	 10-4 4-#20 I	 12-4 4-#16 I	 20-75 4-#8 * N
CONTACTS	5			6			
<p>LAYOUT # OF CONTACTS SERVICE RATING</p>	 10-5 5-#20 I	 14-5 5-#16 II	 8-6 6-#22M M	 8-35 6-#22D M	 10-98 6-#20 I	 16-6 6-#12 I	
CONTACTS	8			10		11	
<p>LAYOUT # OF CONTACTS SERVICE RATING</p>	 12-8 8-#20 I	 16-8 8-#16 II	 12-98 10-#20 I	 18-11 11-#16 II			
CONTACTS	11				12		
<p>LAYOUT # OF CONTACTS SERVICE RATING</p>	 20-11 11-#12 I	 24-11 2-#20, 9-#10 N			 14-97 8-#20, 4-#16 I	 18-12 6-#20, 4-#16, 2-#8 ** N	

*Coax **Twinax

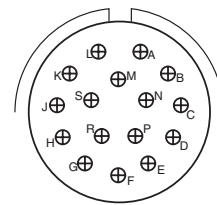
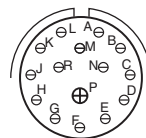
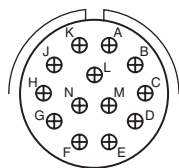
LAYOUTS BY NUMBER OF CONTACTS

View of mating-face of pin insert



Drawing not to scale; mating face view of pin insert shown (socket view is opposite)

CONTACTS 13 15 16



LAYOUT
OF CONTACTS
SERVICE RATING

10-13
13-#22M
M

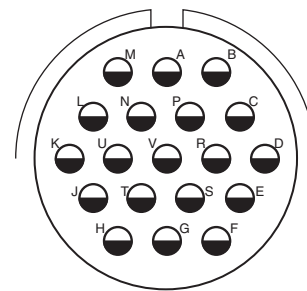
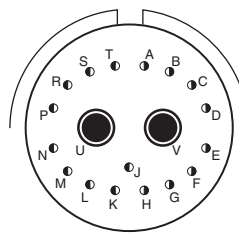
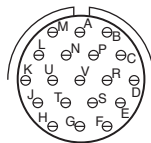
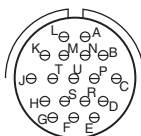
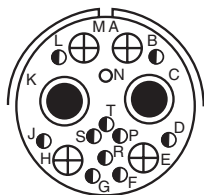
10-35
13-#22D
M

16-13
13-#16
I

14-15
14-#20, 1-#16
I

20-16
16-#16
II

CONTACTS 17 18 19



LAYOUT
OF CONTACTS
SERVICE RATING

18-17
10-#22D, 1-#20, 4-#16,
2-#8
M

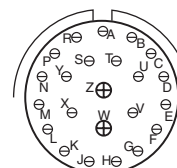
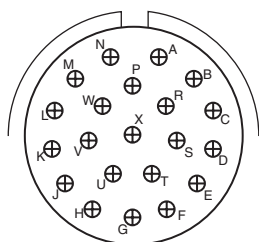
14-18
18-#20
I

14-19
19-#20
I

20-79
17-#22D, 2-#8
II

24-19
19-#12
I

CONTACTS 21 22 23



LAYOUT
OF CONTACTS
SERVICE RATING

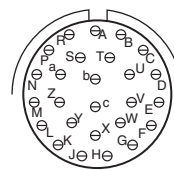
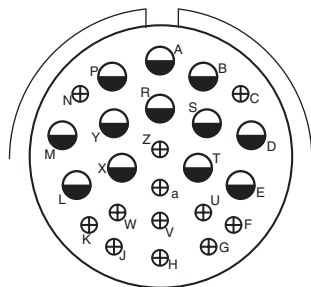
22-21
21-#16
II

12-22
22-#22M
M

12-35
22-#22D
M

16-99
21-#20, 2-#16
I

CONTACTS 24 26



LAYOUT
OF CONTACTS
SERVICE RATING

24-24
12-#16, 12-#12
I

16-26
26-#20
I

* Coax **Twinax

LAYOUTS BY NUMBER OF CONTACTS

View of mating-face of pin insert



Drawing not to scale; mating face view of pin insert shown (socket view is opposite)

CONTACTS	29	30	32
LAYOUT # OF CONTACTS SERVICE RATING	24-29 29-#16 I	24-20 10-#20, 13-#16, 4-#12 ◆, 3-#8** I	18-32 32-#20 I
CONTACTS	37		
LAYOUT # OF CONTACTS SERVICE RATING	14-37 37-#22M M	14-35 37-#22D M	24-37 37-#16 I
CONTACTS	39	41	42
LAYOUT # OF CONTACTS SERVICE RATING	16-2 38-#22D, 1-#8** M	20-39 37-#20, 2-#16 I	20-41 41-#20 I
LAYOUT # OF CONTACTS SERVICE RATING			16-42 42-#22 M
CONTACTS	43	46	53
LAYOUT # OF CONTACTS SERVICE RATING	24-43 23-#20, 20-#16 I	24-46 40-#20, 4-#16, 2-#8* I	22-53 53-#20 M

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LAYOUTS BY NUMBER OF CONTACTS

View of mating-face of pin insert



Drawing not to scale; mating face view of pin insert shown (socket view is opposite)

CONTACTS	55		56		61											
LAYOUT # OF CONTACTS SERVICE RATING	 16-35 55-#22D M		 16-55 55-#22M M		 24-4 48-#20, 8-#16 I		 24-61 61-#20 I									
CONTACTS	65		66		79											
LAYOUT # OF CONTACTS SERVICE RATING	 20-2 65-#22 M		 18-35 66-#22D M		 18-66 66-#22M M		 20-1 79-#22M M									
CONTACTS	79		85		99		100									
LAYOUT # OF CONTACTS SERVICE RATING	 20-35 79-#22D M		 22-2 85-#22 M		 24-7 97-#22D, 2-#8** M		 22-1 100-#22M M									
CONTACTS	100				128											
LAYOUT # OF CONTACTS SERVICE RATING	 22-35 100-#22D M				 24-2 100-#22 M				 24-1 128-#22M M				 24-35 128-#22D M			

*Coax **Twinax