

CREATE YOUR PART NUMBER

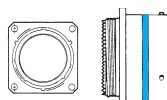
1	2	3	5	6	4	7
SJT07	RT	24-35	P	N	-014	-LC
SHELL STYLE	CLASS	LAYOUT	CONTACT	POLARIZATION	PLATING	MODIFIER

STEP 1: SELECT SHELL STYLE, PLUG OR RECEPTACLE

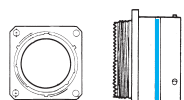
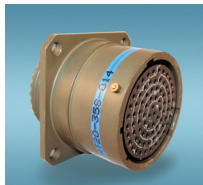
RECEPTACLES

Mates with

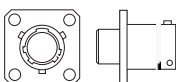
PLUGS

**SJT00RT**

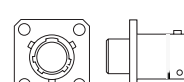
Front Mount with Rear Accessory Threads.

**SJTTP00RT**

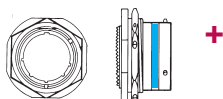
Rear Mount with Rear Accessory Threads.

**SJT02RE**

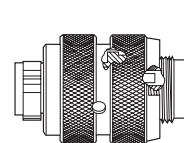
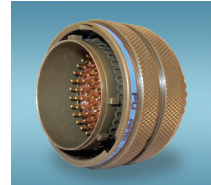
Front Mount without Rear Accessory Threads.

**SJTTP02RE**

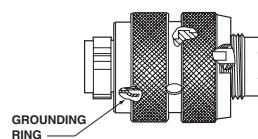
Rear Mount without Rear Accessory Threads.

**SJT07RT**

Jam Nut with Rear Accessory Threads.

**SJT06RT**

Straight Plug

**SJTG06RT**

Straight Plug with Grounding Fingers



Available with PC pins. Contact us for details.

STEP 2: SELECT CLASS

RE = No Rear Threads**RP** = Potting Ring & Cup**RT** = Rear Threads

CONTACT US FOR DETAILS

SJTB - Thru Bulkhead
 SJT1Y - Hermetic Solder Mount
 SJT07Y - Hermetic Jam Nut

STEP 3: SELECT LAYOUT

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

Layout Number	Service Rating	CONTACTS										
		Total Contacts	22D	22M	22	20	16	12	12 (Coax)	10 (Power)	8 (Coax)	8 (Twinax)
8-6	M	6		6								
8-35	M	6	6									
8-44	M	4			4							
8-98	I	3				3						
10-1	M	1										1**
10-2♦	I	2					2					
10-4♦	I	4				4						
10-5♦	I	5				5						
10-13	M	13		13								
10-35	M	13	13									
10-98	I	6				6						
12-4	I	4					4					
12-8	I	8				8						
12-22	M	22		22								
12-35	M	22	22									
12-98	I	10				10						
14-5	II	5					5					
14-15	I	15				14	1					
14-18	I	18				18						
14-19	I	19				19						
14-35	M	37	37									
14-37	M	37		37								
14-97♦	I	12				8	4					
16-2♦	M	39	38									1**
16-6	I	6						6				
16-8	II	8					8					
16-13♦	I	13						13				
16-26	I	26				26						
16-35	M	55	55									
16-42♦	M	42			42							
16-55	M	55		55								
16-99	I	23				21	2					
18-11	II	11					11					
18-17	M	17	10			1	4					2**
18-32	I	32				32						
18-35	M	66	66									
18-66	M	66		66								
20-1	M	79		79								
20-2	M	65			65							
20-11♦	I	11						11				
20-16	II	16					16					
20-35	M	79	79									
20-39	I	39				37	2					
20-41	I	41				41						
20-75♦	M	4									4*	
20-79♦	II	19	17									2**
22-1	M	100		100								
22-2	M	85			85							
22-21	II	21					21					
22-35	M	100	100									
22-53	I	53				53						
24-1	M	128		128								
24-2	M	100			100							
24-4	I	56				48	8					
24-7♦	M	99	97									2**
24-11♦	N	11				2				9		
24-19♦	I	19						19				
24-20♦	N	30				10	13		4♦			3**
24-24	I	24					12	12				
24-29	I	29					29					
24-35	M	128	128									
24-37♦	I	37					37					
24-43♦	I	43				23	20					
24-46♦	I	46				40	4					2**
24-61	I	61				61						

WHEN CHOOSING LAYOUT:

First Number = Step 3A – Shell Size, Dash = Step 4 – Plating, Second Number = 3B – Layout

STEP 4: SELECT PLATING

Finish	Suffix Data	Suffix Data & Strain Relief
Cadmium-plated nickel base	-	SR
Olive drab cadmium-plated nickel base	014	386
Electroless nickel	023	424
Anodic coating (Alumilite) 005	300	-
Olive drab zinc cobalt	W52	W52-SR

SR = Strain Relief

STEP 5: SELECT CONTACT

P = Pin

S = Socket

(1500-mating cycles available - contact us for details.)

Note: See Step 6 if you are not ordering contacts with part.**STEP 6: SELECT POLARIZATION**

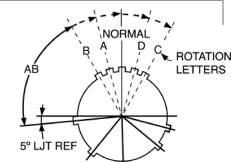
N = Normal Standard

A = Highly-Popular

B = Limited Availability

C = Check for Availability

D = Check for Availability



Mating Face of Receptacle

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 7: SELECT MODIFIER

For other commercial modifications, i.e., less tools, with PC contact or with endbell, contact us.

Omit for standard contacts**LC** = Less contacts, wire hole fillers and plastic insertion/extraction tool. (Purchase Order must state "Less Contacts")**Note:** LC is not marked on part

♦ Not tooled for RP or 02RE

* Coax

** Twinax

♦ 20-24 is supplied with 2#12 coax and 2 #12 shielded contacts

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

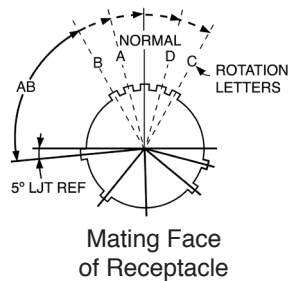
* Coax

** Twinax

♦ 20-24 is supplied with 2#12 coax and 2 #12 shielded contacts

STEP 3: SELECT CONTACT**P** = Pin**S** = Socket**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

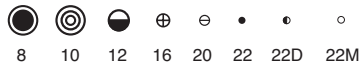
STEP 5: SELECT MODIFIER

Leave blank for connector delivered without contacts

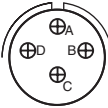
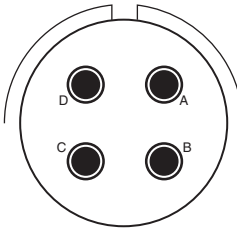
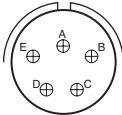
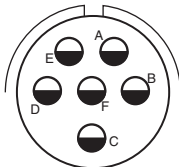
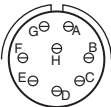
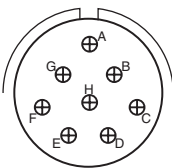
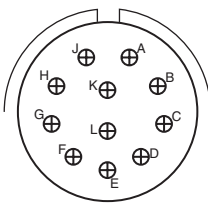
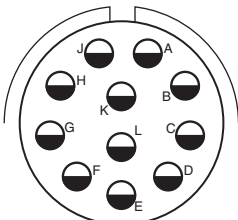
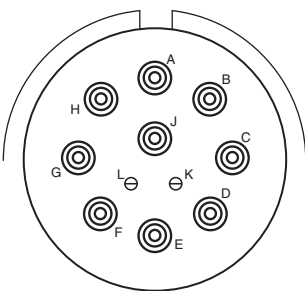
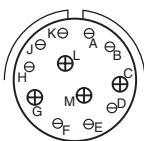
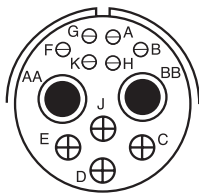
1 = Connector delivered with contacts

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				
LAYOUT # OF CONTACTS SERVICE RATING								
	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				
	LAYOUT # OF CONTACTS SERVICE RATING							
		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				
LAYOUT # OF CONTACTS SERVICE RATING								
		12-8 8-#20 I	16-8 8-#16 II	12-98 10-#20 I	18-11 11-#16 II			
		CONTACTS						
	11			12				
	LAYOUT # OF CONTACTS SERVICE RATING							
		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			

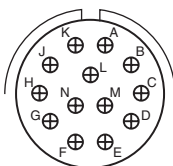
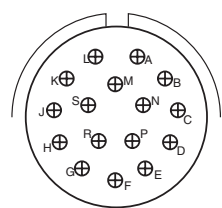
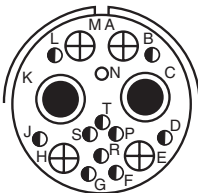
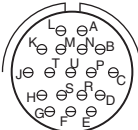
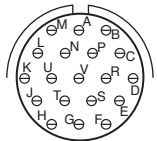
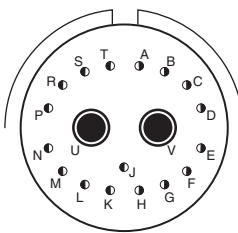
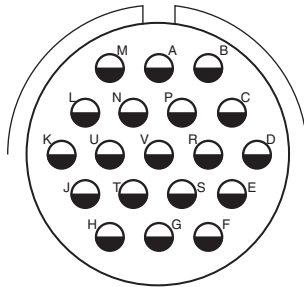
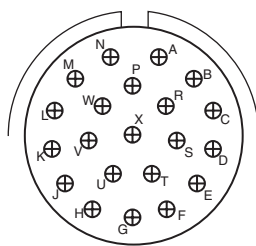
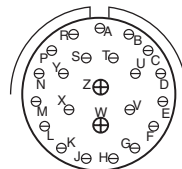
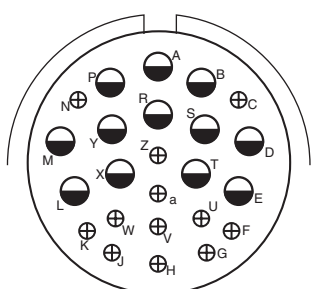
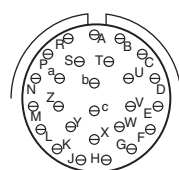
*Coax **Twinax

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	24-43 23-#20, 20-#16 I	24-46 40-#20, 4-#16, 2-#8* I	22-53 53-#20 M

*Coax **Twinax

♦ 20-24 is supplied with 2#12 coax and 2 #12 shielded 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	55	56	61	
LAYOUT # OF CONTACTS SERVICE RATING	16-35 55-#22D 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	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	24-1 128-#22M M	24-35 128-#22D M	

*Coax ***Twinax