



MIL-DTL-38999 Series II

Call PEI-Genesis toll free 800-642-8750

www.peigenesis.com



			Commercial	Obligatory Prefix (Connector Type)	Shell Style	Service Class	Shell Size	Mil Finish Variation	Insert Arrangement	Contact Style	Keying	Strain Relief Option	LJT Finish Variation Suffix
Commercial	Military	Description	Military	JT	00R	E	22		2	P	A		(014)
				MS	27472	E	22		2	P	A	N/A	N/A
JT00R	MS27472	Wall Mount Receptacle											
JTPQ00R	MS27497	Wall Mount Receptacle (Rear Mounting)											
JT01R	N/A	In-Line Receptacle											
JT02R	MS27499	Box Mount Receptacle											
JTP02R	MS27508	Box Mount Receptacle (Rear Mounting)											
JTG06R	MS27484	Straight Cable Plug (With Grounding Fingers)											
JT06R	MS27473	Straight Cable Plug											
JT08R	MS27500	90° Plug											
JT07R	MS27474	Jam Nut Receptacle											
JTL07R	N/A	Jam Nut Receptacle (Miniature Mounting Dim.)											
JT00Y	MS27475	Wall Mount Receptacle (Hermetic)											
JT07Y	MS27477	Jam Nut Receptacle (Hermetic)											
JTIY	MS27478	Solder Mount Receptacle (Hermetic)											
E	E	For Environmental Crimp Applications (Supplied with Grommet & Compression Nut)											
P	P	Potting Boot (Supplied with spacer grommet)											
GF	N/A	Electroless Nickel Plated Ground Plane Aluminum (200°C)											
GW	N/A	Olive Drab Cadmium Plating Ground Plane Aluminum (175°C)											
T	T	Environmental Applications. Supplied without rear accessories. Design provides serrations on rear threads of shells.											
8, 10, 12, 14, 16, 18, 20, 22, 24.													
Insert Arrangements, see other side													
P = Male (Pins), S = Female (Sockets)													
Normal/Standard Keying Leave Blank (Not included in Part #) A, B, C, D (Please note both mating connectors <u>MUST</u> be of the same Keying)													
SR Designates Strain Relief Clamp (Available only on 'RE' Class)													
Military Finish Variation									Finish Suffix		Finish		Finish + (SR) Suffix
A	Cadmium plated nickel base		← These use crimp style contacts; other styles are available, consult PEI-Genesis for assistance						Blank	Cadmium plated nickel base		(SR)	
B	Olive Drab Cadmium plate nickel base								(014)	Olive Drab Cadmium plate nickel base		(386)	
F	Electroless Nickel								(023)	Electroless Nickel		(424)	
C	Anodic Coating (Alumilite)								(005)	Anodic Coating (Alumilite)		(300)	
G	Electroless Nickel, space compatible								(453)	Electroless Nickel, space compatible		(467)	
									(011)	Chromate treated (Iridite 14-2)		(344)	

Insert Arrangements

LAYOUTS	TOTAL # CONTACTS	CONTACT SIZE'S
8-6	6	6 #22M
8-35	6	6 #22D
8-44	4	4 #22
8-98	3	3 #20
10-4	4	4 #20
10-5	5	5 #20
10-13	13	13 #22M
10-35	13	13 #22D
10-98	6	6 #20
10-99	7	7 #20
12-3	3	3 #16
12-4	4	4 #16
12-8	8	8 #20
12-22	22	22 #22M
12-35	22	22 #22D
12-98	10	10 #20
14-4	4	4 #12
14-5	5	5 #16
14-15	15	14 #20, 1 #16
14-18	18	18 #20
14-19	19	19 #20
14-35	37	37 #22D
14-37	37	37 #22M
14-68	8	8 #16
14-97	12	8 #20, 4 #16

LAYOUTS	TOTAL # CONTACTS	CONTACT SIZE'S
16-6	6	6 #12
16-8	8	8 #16
16-13	13	13 #16
16-26	26	26 #20
16-35	55	55 #22D
16-42	42	42 #22
16-55	55	55 #22M
16-99	23	21 #20, 2 #16
18-11	11	11 #16
18-28	28	26 #20, 2 #16
18-30	30	29 #20, 1 #16
18-32	32	32 #20
18-35	66	66 #22D
18-53	53	53 #22
18-66	66	66 #22M
18-68	18	18 #16
18-96	9	9 #12
20-1	79	79 #22M
20-2	65	65 #22
20-11	11	11 #12
20-16	16	16 #16
20-35	79	79 #22D
20-39	39	37 #20, 2 #16
20-41	41	41 #20

LAYOUTS	TOTAL # CONTACTS	CONTACT SIZE'S
22-1	100	100 #22M
22-2	85	85 #22
22-14	14	14 #12
22-21	21	21 #16
22-32	32	32 #20
22-35	100	100 #22D
22-53	53	53 #20
22-55	55	55 #20
24-1	128	128 #22M
24-2	100	100 #22
24-4	56	48 #20, 8 #16
24-19	19	19 #12
24-24	24	12 #16, 12 #12
24-29	29	29 #16
24-35	128	128 #22D
24-37	37	37 #16
24-43	43	23 #20, 20 #16
24-61	61	61 #20



Note

Blue colored inserts are available as MS & JT
 RED colored inserts are available as JT only