



MIL-DTL-38999 Series I

Call PEI-Genesis toll free 800-642-8750
www.peigenesis.com

Amphenol

		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	LJT	00R	E	23		2	P	A		(014)
Commercial	Military	MS	27466	E	23	B	2	P	A	N/A	N/A
LJT00R	MS27466	Wall Mount Receptacle									
LJTPO00R	MS27656	Wall Mount Receptacle (Rear Mounting)									
LJT01R	N/A	In-Line Receptacle									
LJT02R	MS27496	Box Mount Receptacle									
LJTPO2R	MS27505	Box Mount Receptacle (Rear Mounting)									
LJT06R	MS27467	Straight Cable Plug									
LJT07R	MS27468	Jam Nut Receptacle									
LJT00Y	MS27469	Wall Mount Receptacle (Hermetic/Solder)									
LJT07Y	MS27470	Jam Nut Receptacle (Hermetic/Solder)									
LJTIY	MS27471	Solder Mount Receptacle (Hermetic/Solder)									
E	E	For Environmental Crimp Applications									
P	P	Potting Boot (<i>Supplied with spacer grommet</i>)									
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.									
9, 11, 13, 15, 17, 19, 21, 23, 25											
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 MUST 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						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)
These use crimp style contacts; other styles are available, consult PEI-Genesis for assistance											

Insert Arrangements

LAYOUTS	TOTAL # CONTACTS	CONTACT SIZE'S
9-6	6	6 #22M
9-35	6	6 #22D
9-44	4	4 #22
9-98	3	3 #20
11-2†	2	2 #16
11-4	4	4 #20
11-5	5	5 #20
11-13	13	13 #22M
11-35	13	13 #22D
11-98	6	6 #20
11-99	7	7 #20
13-3	3	3 #16
13-4†	4	4 #16
13-8	8	8 #20
13-22	22	22 #22M
13-35	22	22 #22D
13-98	10	10 #20
15-4	4	4 #12
15-5†	5	5 #16
15-15	15	14 #20, 1 #16
15-18	18	18 #20
15-19	19	19 #20
15-35	37	37 #22D
15-37	37	37 #22M
15-68	8	8 #16
15-97	12	8 #20, 4 #16

LAYOUTS	TOTAL # CONTACTS	CONTACT SIZE'S
17-2	39	38 #22D, 1 #8*
17-6	6	6 #12
17-8†	8	8 #16
17-13	13	13 #16
17-25	24	22 #22D, 2 #8†
17-26	26	26 #20
17-35	55	55 #22D
17-42	42	42 #22
17-55	55	55 #22M
17-99	23	21 #20, 2 #16
19-11†	11	11 #16
19-18	18	14 #22D, 4 #8*
19-28	28	26 #20, 2 #16
19-30	30	29 #20, 1 #16
19-32	32	32 #20
19-35	66	66 #22D
19-53	53	53 #22
19-66	66	66 #22M
19-67	67	67 #22M
19-68	18	18 #16
21-1	79	79 #22M
21-2	65	65 #22
21-11†	11	11 #12
21-16†	16	16 #16
21-35	79	79 #22D
21-39	39	37 #20, 2 #16
21-41	41	41 #20
21-75†	4	4 #8* †
21-79	19	17 #22D, 2 #8 †

LAYOUTS	TOTAL # CONTACTS	CONTACT SIZE'S
23-1	100	100 #22M
23-2	85	85 #22
23-5	5	5 #8*
23-6†	6	6 #8*
23-14	14	14 #12
23-21†	21	21 #16
23-32	32	32 #20
23-35	100	100 #22D
23-36	36	36 #20
23-53	53	53 #20
23-55	55	55 #20
25-1	128	128 #22M
25-2	100	100 #22
25-4	56	48 #20, 8 #16
25-7	99	97 #22D, 2 #8*
25-11	11	2 #20, 9 #10
25-19†	19	19 #12
25-20	30	10 #20, 13 #16, 3 #8*, 4 #12†
25-24†	24	12 #16, 12 #12
25-29†	29	29 #16
25-35	128	128 #22D
25-37†	37	37 #16
25-43	43	23 #20, 20 #16
25-46	46	40 #20, 4 #16, 2 #8*
25-61	61	61 #20



Note:

Layouts in **RED** are LJT (Commercial only)

Layouts in **BLUE** are *both* Mil Spec and LJT

* = Twinax † = Coax

† = Ground Plane option available (Commercial only)

21-75 Insert Only: MS part supplied with 4 size #8 Twinax; LJT supplied with 4 size #8 Coax.

21-79 Insert Only: MS part has provision for 2 size #8 coax not supplied, customer must specify.