

MS90557 Connector Type Datasheet

LM Series • MIL-DTL-22992 Type Power Connectors

LM01 C 44-12 4 N

- 1 **BASIC PART NUMBER**
LM01 Cable mount receptacle
 Socket contacts (power source)
 Includes backshell, cable grip, gland, cover
- 2 **MATERIAL & FINISH**
C Aluminum, olive drab cadmium
 (Conductive for AC applications)
N Aluminum, anodized finish
 (Non-conductive for DC applications)
- 3 **SHELL SIZE & INSERT PATTERN**
 See Insert Arrangement Drawings, p. P-8
- 4 **MASTER KEYWAY POSITION**
 Power requirements determines master key/keyway
 (See Master Key/Keyway Position table, p. P-7)
- 5 **ALTERNATE ROTATION**
N NORMAL or W, X, Y, Z, see p. P-7 for availability



LM01 Cross Reference & Compatibility

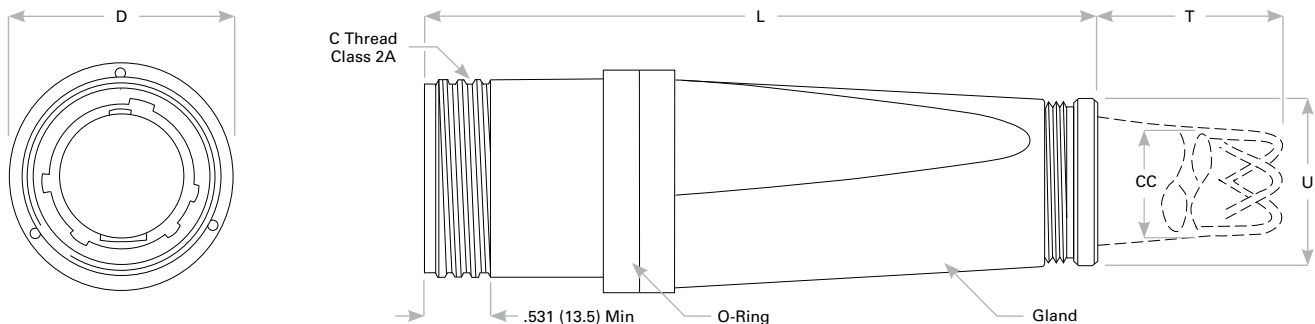
Compatible Brands	Equivalent	Mates
MIL-DTL-22992 Class L	MS90557	MS90556, MS90558
Cooper Interconnect	GCL57	GCL56, GCL58
Robert Technologies	RT90557	RT90556, RT90558
UEC	UEC90557	UEC90556, UEC90558

Note: See part builder (p. P-6) for complete information.

Receptacle Dimensions

Shell Size	D	C Thread Class 2B	L	T	U	CC Cable Clearance	
						Min	Max
28-12	2.439 (62.0)	2.000-.1428P-.2857L	8.156 (207.2)	7.188 (182.6)	2.000 (50.8)	.922 (23.4)	1.047 (26.6)
28-13				7.188 (182.6)		1.005 (25.5)	1.130 (28.7)
32-04				7.188 (182.6)		.844 (21.4)	.969 (24.6)
32-05, 32-12	2.689 (68.3)	2.250-.1428P-.2857L	8.156 (207.2)	7.188 (182.6)	2.000 (50.8)	1.005 (25.5)	1.130 (28.7)
32-13				8.688 (220.7)		1.217 (30.9)	1.342 (34.1)
44-02	3.667 (93.1)	3.000-.1428P-.2857L	10.125 (257.2)	10.688 (271.5)	2.500 (63.5)	1.187 (30.1)	1.312 (33.3)
44-03				9.688 (246.1)		1.313 (33.4)	1.438 (36.5)
44-12				10.688 (271.5)		1.391 (35.3)	1.516 (38.5)
44-13				12.688 (322.3)		1.547 (39.2)	1.672 (42.5)
44-51				11.688 (296.9)		1.609 (40.9)	1.734 (44.0)
52-12				4.167 (105.8)		3.500-.1428P-.2857L	11.062 (281.0)
52-13	18.188 (462.0)	2.308 (58.6)	2.453 (62.3)				

Dimensions are in inches (mm).



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