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DWG NO.	LMT101-1	SH	1	REV.	N/C
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REVISIONS					
ECN	ZONE	REV.	DESCRIPTION	DATE	APPROVED
14282		N/C	NEW RELEASE	9/10/01	<i>[Signature]</i>

SPECIFICATIONS

ELECTRICAL

IMPEDANCE: 50 OHMS NOMINAL  
 FREQUENCY RANGE: 0 TO 6 GHz  
 VSWR: 1.70:1 MAXIMUM DC TO 6 GHz  
 INSERTION LOSS: .5 dB MAXIMUM @ 6 GHz  
 WORKING VOLTAGE: 500 VRMS @ SEA LEVEL  
 DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS @ SEA LEVEL  
 INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM @ 500 VOLTS DC

MECHANICAL

CONNECTOR INTERFACE: DIMENSIONS PER MIL-STD-348, FIGURE 313-2 (TNC) AND ARINC 600, FIGURE 19-54.2 (SIZE 1)

ENVIRONMENTAL

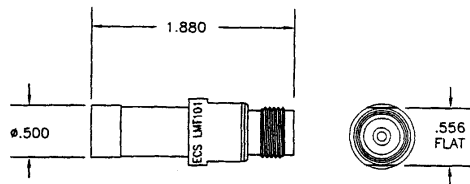
TEMPERATURE RATING: -65°C TO +165°C  
 VIBRATION: MIL-STD-202, METHOD 204, COND. B  
 SHOCK: MIL-STD-202, METHOD 213, COND. I  
 THERMAL SHOCK: MIL-STD-202, METHOD 107 COND. B  
 CORROSION: MIL-STD-202, METHOD 101 COND. B  
 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

MATERIALS

BODY: BRASS PER ASTM B16  
 CENTER CONTACT: COPPER BERYLLIUM PER ASTM B196  
 DIELECTRIC: TEFLON PER ASTM D1710

FINISHES

BODY: GOLD PER MIL-G-45204  
 CENTER CONTACT: GOLD PER MIL-G-45204



SPRING



RETAINING RING

NOTES

1. DIMENSIONS ARE FOR REFERENCE ONLY.

ALL LENGTHS IN INCHES		ELECTRONIC CABLE SPECIALISTS FRANKLIN, WI 53132 PHONE: (414) 421-5300	
APPROVALS	DATE	TITLE: <b>CUSTOMER SPECIFICATION</b>	
<i>E. FOSSELL</i>	8/23/01	ARINC 404 SIZE 1 TO TNC JACK 50 OHM RF ADAPETR	
CHECKED BY: <i>C. Chapman</i>	9/10/01	SIZE	CAGE CODE
DESIGNED BY:		B	66197
PROJECT ENG:		LEVEL	C
ENG. MGR:		PART NO.	LMT101
		SCALE:	FILE NO
			SHEET: 1 OF 1

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