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DWO NO. BTF175-1 SH 1 REV. N/C

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REVISIONS					
ECN	ZONE	REV.	DESCRIPTION	DATE	APPROVED
14020		N/C	NEW RELEASE	7/23/01	<i>[Signature]</i>

SPECIFICATIONS**ELECTRICAL**

IMPEDANCE: 75 OHMS NOMINAL
 FREQUENCY RANGE: 0 TO 3 GHz
 VSWR: 1.6:1 MAXIMUM DC TO 3 GHz
 INSERTION LOSS: .5 dB MAXIMUM @ 3 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

ENVIRONMENTAL

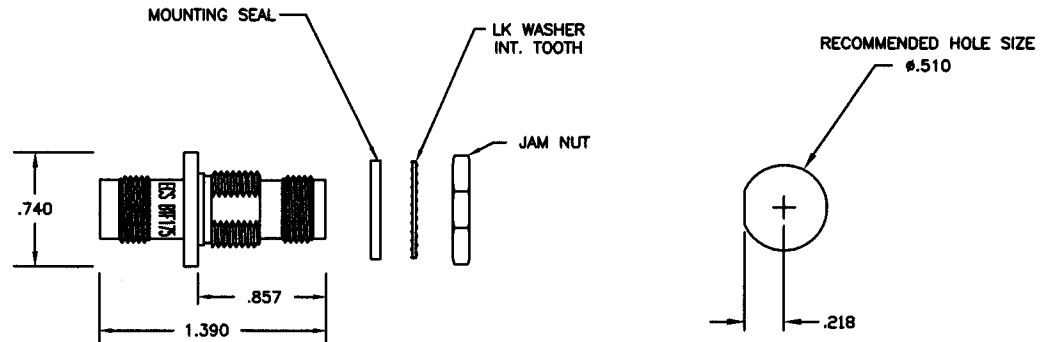
TEMPERATURE RATING: -65°C TO +165°C
 VIBRATION: MIL-STD-202, METHOD 204, COND. B
 SHOCK: MIL-STD-202, METHOD 213, COND. I
 THERMAL SHOCK: MIL-STD-202, METHOD 107 COND. C
 CORROSION: MIL-STD-202, METHOD 101 COND. B
 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106
 200 MEGOHMS MINIMUM
 HERMETIC SEAL: MIL-STD-202, METHOD 112 COND. C
 CONTACT TO SHELL: 1×10^{-7} ATM CM³/S
 SHELL TO PANEL(GASKET SEAL): 1×10^{-5} ATM CM³/S

MATERIALS

BODY: BRASS PER ASTM B16
 CENTER CONTACT: COPPER BERYLLIUM PER ASTM B196
 DIELECTRIC: TEFLON PER ASTM D1710
 MOUNTING SEAL: SILICON RUBBER PER ZZ-R-765

FINISHES

BODY: BRIGHT NICKEL PER QQ-N-290
 CENTER CONTACT: GOLD PER MIL-G-45204

**NOTES**

1. ALL DIMENSIONS ARE IN INCHES.
2. DIMENSIONS ARE FOR REFERENCE ONLY.

ALL LENGTHS IN INCHES		ELECTRONIC CABLE SPECIALISTS FRANKLIN, WI 53132 PHONE: (414) 421-5300	
APPROVALS	DATE	TITLE: CUSTOMER SPECIFICATION	
<i>E. FosSELL</i>	7/16/01	TNC ADAPTER, BULKHEAD, HERMETICALLY SEALED, 75 OHM	
DESIGNED BY:		SIZE	CAGE CODE
		B	66197
PROJECT ENG:		LEVEL	PART NO.
		C	BTF175
SCALE:	FILE NO.	SHEET: 1 OF 1	

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