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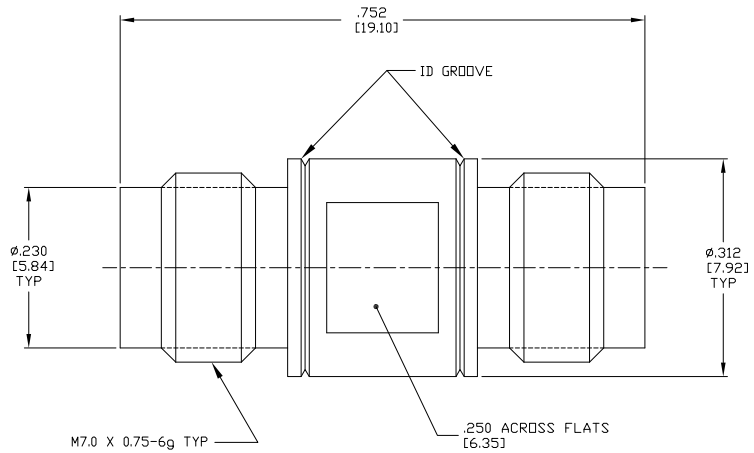
LOC	DIST	REVISIONS					
DF	XO	P	LR	DESCRIPTION	DATE	MIN	APD
		D		REV PER ECO-05-002598	05-05	AA	FB

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	PASSIVATED PER ASTM-A-380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457 OR MIL-P-19468	-
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 ALLOY C17300	GOLD PLATED PER ASTM-B-488 OVER NICKEL PER QQ-N-290

ENVIRONMENTAL	
TEMPERATURE RATING:	-55°C TO +125°C
VIBRATION:	MIL-STD-202, METHOD 204, CONDITION D, 20Gs
SHOCK:	MIL-STD-202, METHOD 213, CONDITION 1: 100Gs
MOISTURE RESISTANCE:	MIL-STD-202, METHOD 106
CORROSION:	MIL-STD-202, METHOD 101, CONDITION B
THERMAL SHOCK:	MIL-STD-202, METHOD 107, CONDITION B

MECHANICAL	
INTERFACE DIMENSIONS:	SEE CATALOG
RECOMMENDED MATING TORQUE:	N/A
FORCE TO ENGAGE & DISENGAGE (IN-LBS MAX):	2.0
WEIGHT (GRAMS):	TBD
MATING CHARACTERISTICS:	INSERTION (MAX LBS): 2.0 WITHDRAWAL (MIN OZ): 1.0
CABLE RETENTION:	AXIAL FORCE (LBS): N/A TORQUE (IN-OZ): N/A
CENTER CONTACT CAPTIVATION:	AXIAL (LBS): 4.0 RADIAL (IN-OZ): N/A

ELECTRICAL	
NORMAL IMPEDANCE (OHMS):	50±1
FREQUENCY RANGE (GHz):	DC TO 50
VOLT RATING @ SEA LEVEL (VRMS MAX):	N/A
VSWR: DC TO 18GHz (11 MAX); 18 TO 25.5GHz (1.3 MAX); 25.5 TO 50GHz (1.29 MAX)	
INSERTION LOSS: (dB MAX):	0.7 X √(GHz)
RF LEAKAGE (dB MIN) (INTERFACE ONLY, FULLY MATED):	-[90-f(GHz)]
CORONA 70,000 FT (VRMS MIN):	150
DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL:	500
I.R. (MEG OHMS MIN):	5,000
RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz):	600
CONTACT RESISTANCE (MILLIOHMS MAX):	CENTER CONTACT: 4.0 OUTER CONTACT: 4.0 CABLE TO HOUSING: N/A



1083655-1  
PART NO.

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		TYPICAL VALUES:	
INCHES	0.0005	0.0005	0.0005	0.0005	0.0005
MILLIMETERS	0.0127	0.0127	0.0127	0.0127	0.0127

THIS DRAWING IS A CONTROLLED DOCUMENT.		DR: C.C. THOMAS 03062003	Tyco Electronics Corporation Harrisburg, PA 17105
APPROVED:		12-4-03	
DATE:		12-4-03	OS-50 JACK TO JACK ADAPTER
MATERIAL:		SEE TABLE	RESTRICTED TO:
FINISH:		SEE TABLE	SCALE: 10:1 SHEET 1 OF 1 REV D

AMP 1471-9 REV 31MM2000