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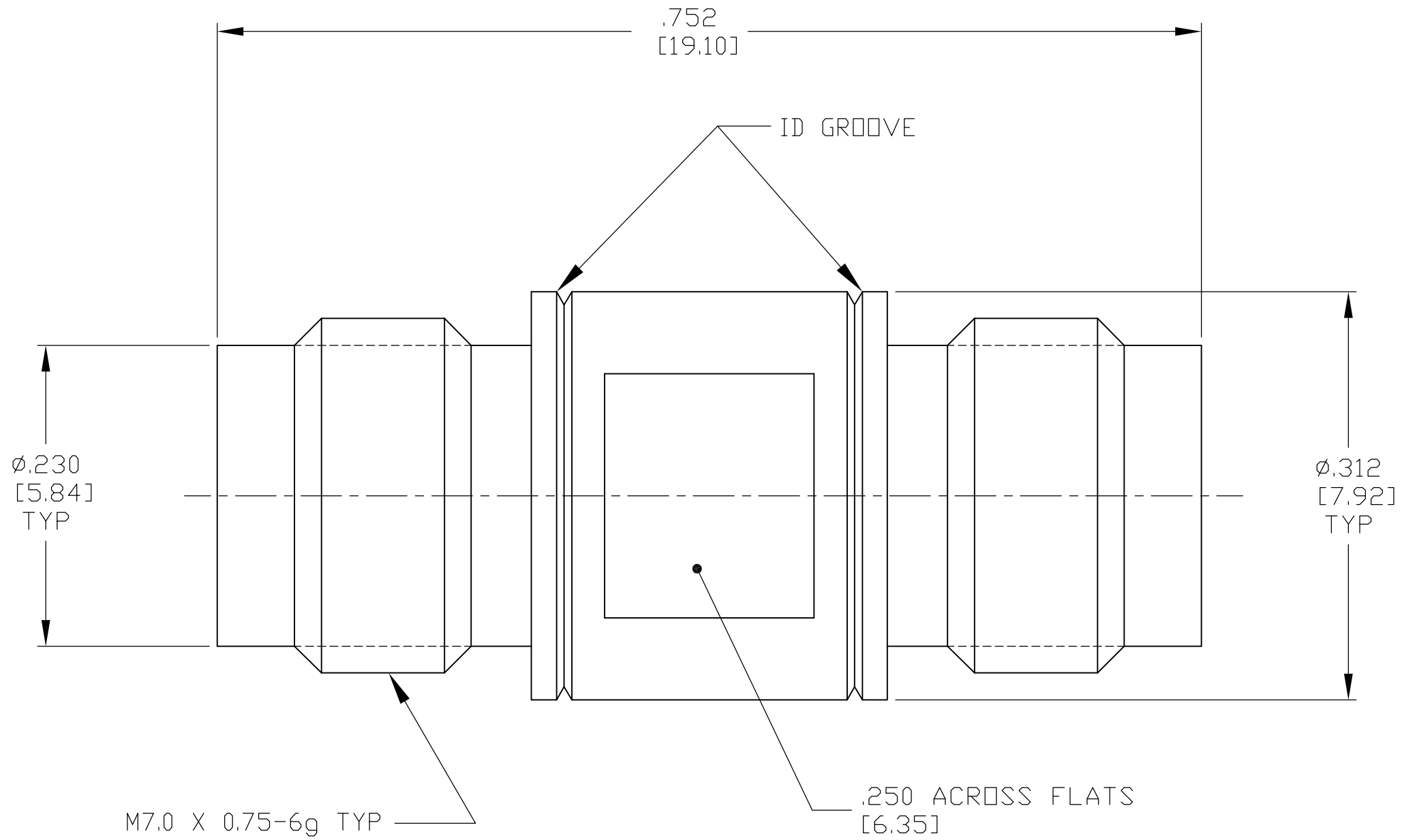
LOC	DIST	REVISIONS							
DF	XO	P	LTR	DESCRIPTION			DATE	OWN	APVD
			D	REV PER ECO-05-002598			05-05	AA	FB

COMPONENT	MATERIAL	FINISH
— HOUSING — BUSHING	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	PASSIVATED PER ASTM-A-380 —
— DIELECTRIC —	TFE FLUORCARBON 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

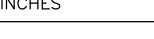
ENVIRONMENTAL
TEMPERATURE RATING: -55°C TO +125°C
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D; 20Gs
SHOCK: MIL-STD-202, METHOD 213, CONDITION 1: 100Gs
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106
CORROSION: MIL-STD-202, METHOD 101, CONDITION B.
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B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

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: 1.11 MAX; 18 TO 25.5GHz: 1.13 MAX; 25.5 TO 50GHz: 1.29 MAX	
INSERTION LOSS: (dB MAX):	.07 X $\sqrt{f(\text{GHz})}$
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. (MEGOHMS 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.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS		03DEC2003		 Tyco Electronics Corporation Harrisburg, PA 17105	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK R.GROSS		12-4-03	
		APVD R.GROSS		12-4-03		NAME	
		PRODUCT SPEC		—		OS-50 JACK TO JACK ADAPTER	
		APPLICATION SPEC		—		—	
		—		—		—	
MATERIAL SEE TABLE		FINISH SEE TABLE		WEIGHT —		SIZE A2	
				CAGE CODE 00779		DRAWING NO C-1083655	
				CUSTOMER DRAWING		RESTRICTED TO —	
				SCALE 10:1		SHEET 1 of 1	
						REV D	

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