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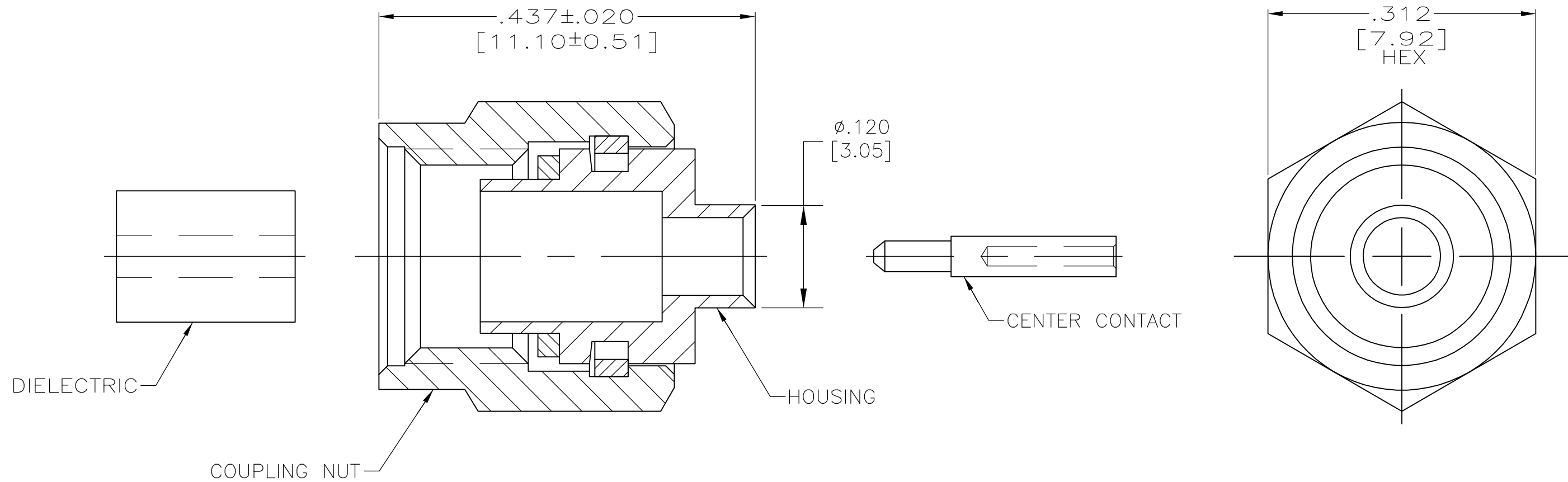
COMPONENT	MATERIAL	FINISH
HOUSING — COUPLING NUT	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	GOLD PLATED PER ASTM-B-488 —
— DIELECTRIC	PTFE FLUORCARBON PER ASTM-D-1457 —	— —
— CENTER CONTACT —	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H	GOLD PLATED PER ASTM-B-488
RETAINING RING —	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	— —
— GASKET	FLUOROCARBON RUBBER PER MIL-R-83248 —	—

ENVIRONMENTAL
TEMPERATURE RATING: -65° C TO +105° C
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
SHOCK: MIL-STD-202, METHOD 213, CONDITION 1
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106
CORROSION: MIL-STD-202, METHOD 101, CONDITION B. 5% SALT SPRAY
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B EXCEPT HIGH TEMP 115° C

MECHANICAL	
INTERFACE DIMENSIONS: MIL-STD-348A FIG. 310.1	
RECOMMENDED MATING TORQUE: 7 TO 10 IN-LBS	
FORCE TO ENGAGE & DISENGAGE (IN-LBS MAX.): 2.0	
WEIGHT (GRAMS): TBD	
MATING CHARACTERISTICS: <u>INSERTION (MAX LBS): N/A</u>	
<u>WITHDRAWAL (MIN OZ): N/A</u>	
CABLE RETENTION:	<u>AXIAL FORCE (LBS): 30</u>
	<u>TORQUE (IN-OZ): 16</u>
CENTER CONTACT CAPTIVATION: <u>AXIAL (LBS): N/A</u>	
<u>RADIAL (IN-OZ): N/A</u>	

ELECTRICAL	
NORMAL IMPEDANCE (OHMS):	50
FREQUENCY RANGE (GHz):	DC TO 27
VOLT RATING @ SEA LEVEL (VRMS MAX):	335
VSWR:	1.05+.005f(GHz)
INSERTION LOSS: (dB MAX):	.05 $\sqrt{f(\text{GHz})}$
RF LEAKAGE (dB MIN):	-[90-f(GHz)]
CORONA 70,000 FT (VRMS MIN):	250
DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL:	1000
I.R. (MEGOHMS MIN):	10,000
RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz):	670
CONTACT RESISTANCE (MILLIOHMS MAX):	
	CENTER CONTACT: 2.0
	OUTER CONTACT: 2.0
	CABLE TO HOUSING: 0.5

LOC	DIST	REVISIONS					
DF	XO	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	REV PER ECO-06-005373	20MAR06	PY	RG



DESIGNED TO USE .085 SR CABLE
CABLE ENTRY DIAMETER MIN
HOUSING: .089
DIELECTRIC:049
CONTACT: .022

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 10-24-01 C.C.THOMAS		 Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 [0.13] 4 PLC ± - ANGLES ± -		CHK 10-24-01 R.GROSS APVD 10-24-01 R.GROSS PRODUCT SPEC - APPLICATION SPEC 408-04871 -(27-002)	
		MATERIAL SEE TABLE		NAME OSM STRAIGHT CABLE PLUG KIT,RF - - -	
FINISH SEE TABLE		WEIGHT -		SIZE A2	
		CUSTOMER DRAWING		CAGE CODE 00779	
		DRAWING NO 1484529		RESTRICTED TO -	
		SCALE 8:1		SHEET 1 of 1	
		REV A			