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COMPONENT		MATERIAL	FINISH	
HOUSING CAP COUPLING NUT		STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	PASSIVATED PER ASTM-A-380	
DIELECTRIC		PTFE FLUORCARBON PER ASTM-D-1457	-	
CENTER CONTACT		BRASS PER ASTM-B-16 HALF HARD	GOLD PLATED PER ASTM-B-488	
-		-	-	
-		-	-	
GASKET		SILICONE RUBBER PER ZZ-R-765	-	
FERRULE		COPPER OR BRASS ALLOY, ROCKWELL F65 MAX	GOLD PLATED PER ASTM-B-488	
RETAINING RING		BERYLLIUM COPPER PER ASTM-B-194 ALLOY C17200, CONDITION H	-	
-		-	-	
-		-	-	

## ENVIRONMENTAL

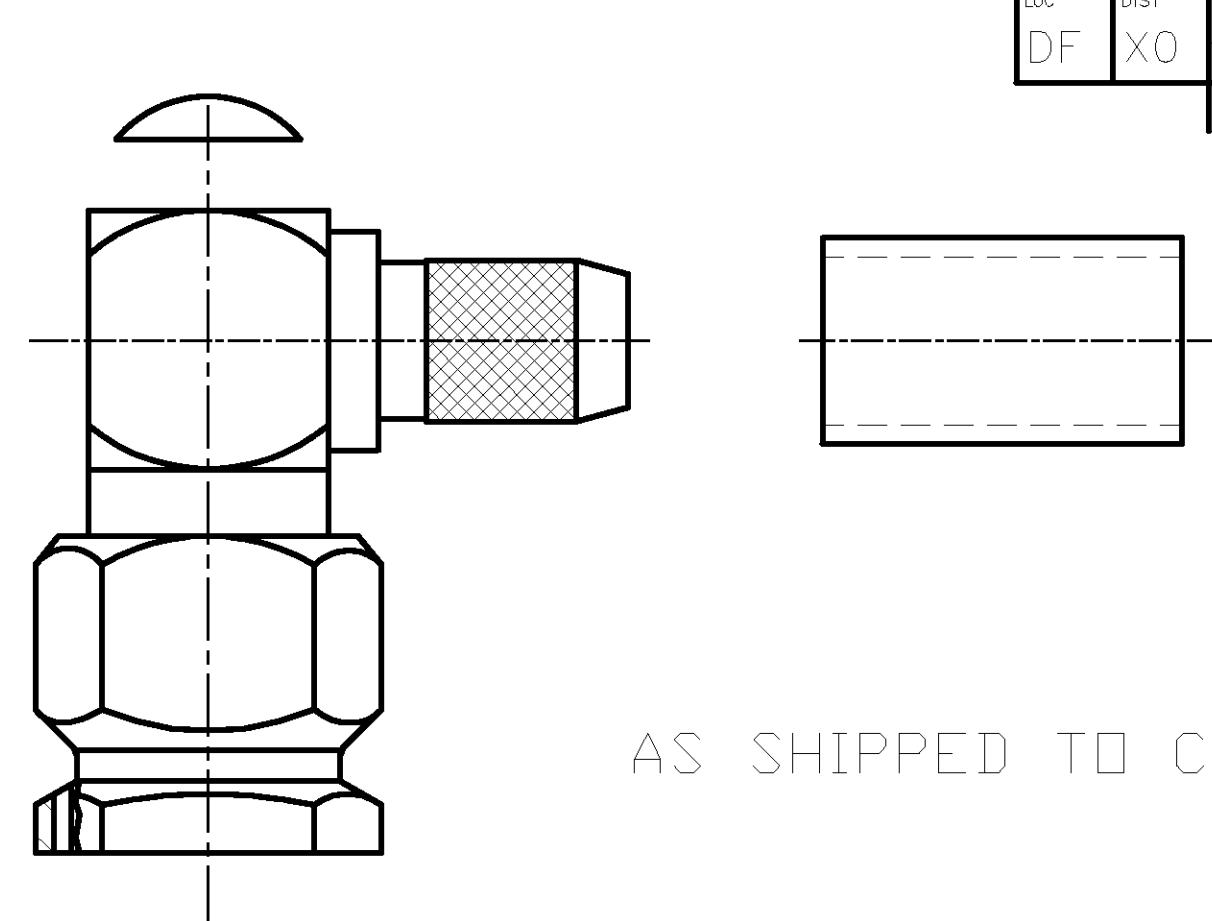
TEMPERATURE RATING: -65°C TO +165°C  
 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D  
 SHOCK: MIL-STD-202, METHOD 213, CONDITION 1  
 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106  
 CORROSION: MIL-STD-202, METHOD 101, CONDITION B. 5% SALT SPRAY  
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B  
 EXCEPT HIGH TEMP 85°C

## MECHANICAL

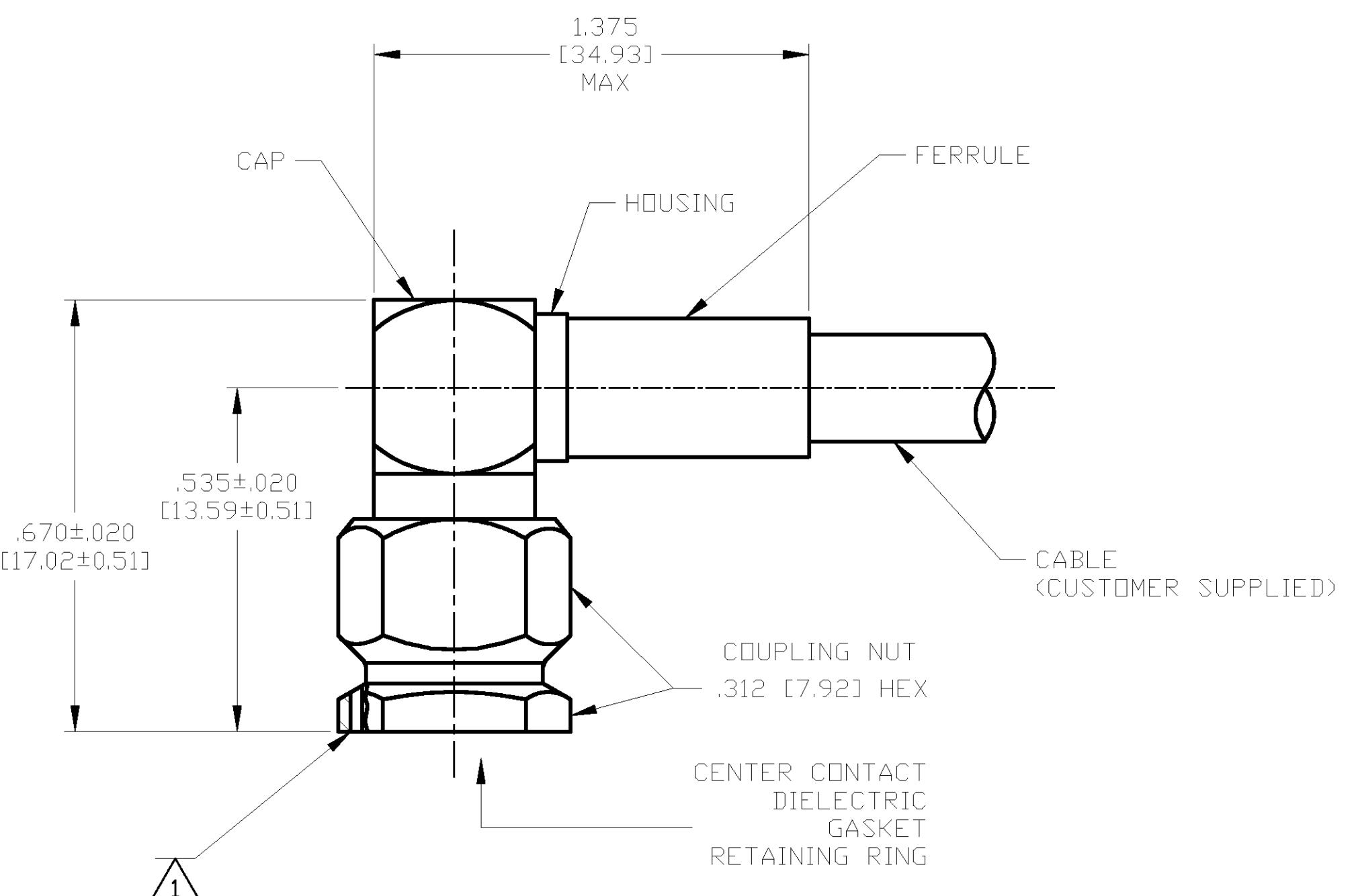
INTERFACE DIMENSIONS: MIL-STD-348A FIG. 310.1  
 RECOMMENDED MATING TORQUE: 7-10 IN-LBS  
 FORCE TO ENGAGE & DISENGAGE (IN-LBS MAX): 2.0  
 WEIGHT (GRAMS): TBD  
 MATING CHARACTERISTICS: INSERTION (MAX LBS) N/A  
 WITHDRAWAL (MIN OZ): N/A  
 CABLE RETENTION: AXIAL FORCE (LBS) 45 MIN  
 TORQUE (IN-OZ): N/A  
 CENTER CONTACT CAPTIVATION: AXIAL (LBS): 6.0  
 RADIAL (IN-OZ): N/A

## ELECTRICAL

NORMAL IMPEDANCE (OHMS): 50  
 FREQUENCY RANGE (GHz): DC TO 12.4  
 VOLT RATING @ SEA LEVEL (VRMS MAX): 335  
 VSWR: 1.15+.02f(GHz)  
 INSERTION LOSS: (dB MAX): .06 Vf(GHz)  
 RF LEAKAGE (dB MIN): -60 @ 2-3 GHz  
 CORONA 70,000 FT (VRMS MIN): 250  
 DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL: 1000  
 I.R. (MEGOHMS MIN): 5,000  
 RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz): 670  
 CONTACT RESISTANCE (MILLIOHMS MAX):  
 CENTER CONTACT: 4.0  
 OUTER CONTACT: 2.0  
 CABLE TO HOUSING: 0.5



AS SHIPPED TO CUSTOMER



ASSEMBLED VIEW

Ø.018 [0.46] LOCKWIRE HOLE, 3 PLACES EQUALLY SPACED.

DESIGNED TO USE RG-142/U OR EQUIVALENT		THIS DRAWING IS A CONTROLLED DOCUMENT		9/24/02	
CABLE ENTRY DIAMETER MIN		DIMENSIONS: INCHES [mm]		J. KAISER CHK J.LIPPERT APVO J.LIPPERT	
HOUSING: .121 [3.07]		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		10-18-02 10-18-02	
CONTACT SLOT: .041 [1.04]		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 [0.13] 4 PLC ± - ANGLES ± -		PRODUCT SPEC —	
—		APPLICATION SPEC 408-4846		NAME Tyco Electronics Corporation Harrisburg, PA 17105	
—		MATERIAL SEE TABLE		WEIGHT TBD	
FERRULE: .216 [5.48]		FINISH SEE TABLE		CUSTOMER DRAWING A2 00779 C-1052176	
				SCALE 5:1 SHEET 1 OF 1 REV 0	

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