

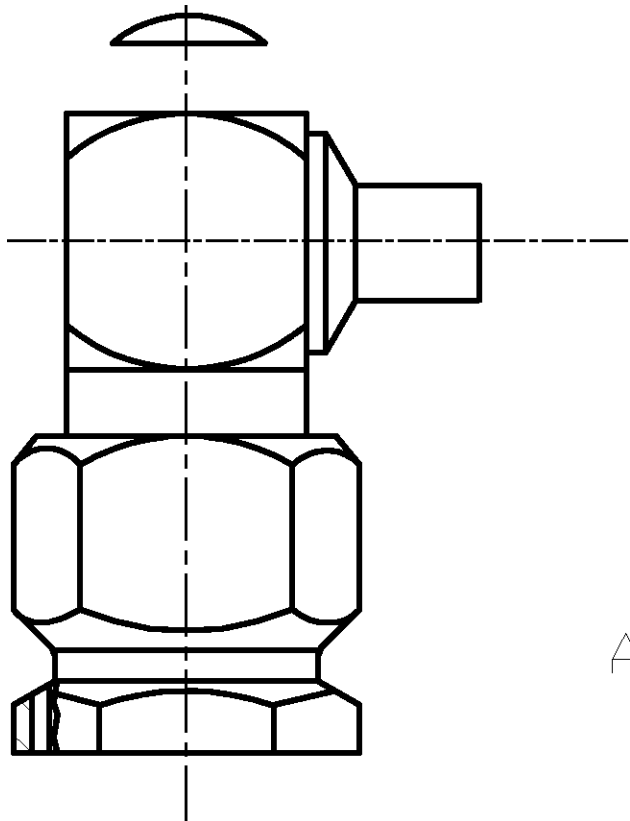
COMPONENT	MATERIAL	FINISH
— COUPLING NUT	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	PASSIVATED PER ASTM-A-380 —
— DIELECTRIC	PTFE FLUORCARBON PER ASTM-D-1457 —	— —
— CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-194 ALLOY C17200, CONDITION H	GOLD PLATED PER ASTM-B-488 —
HOUSING CAP	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	GOLD PLATED PER ASTM-B-488 —
— GASKET	SILICONE RUBBER PER ZZ-R-765 —	— —
— — —	— — —	— — —
— 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 115°C

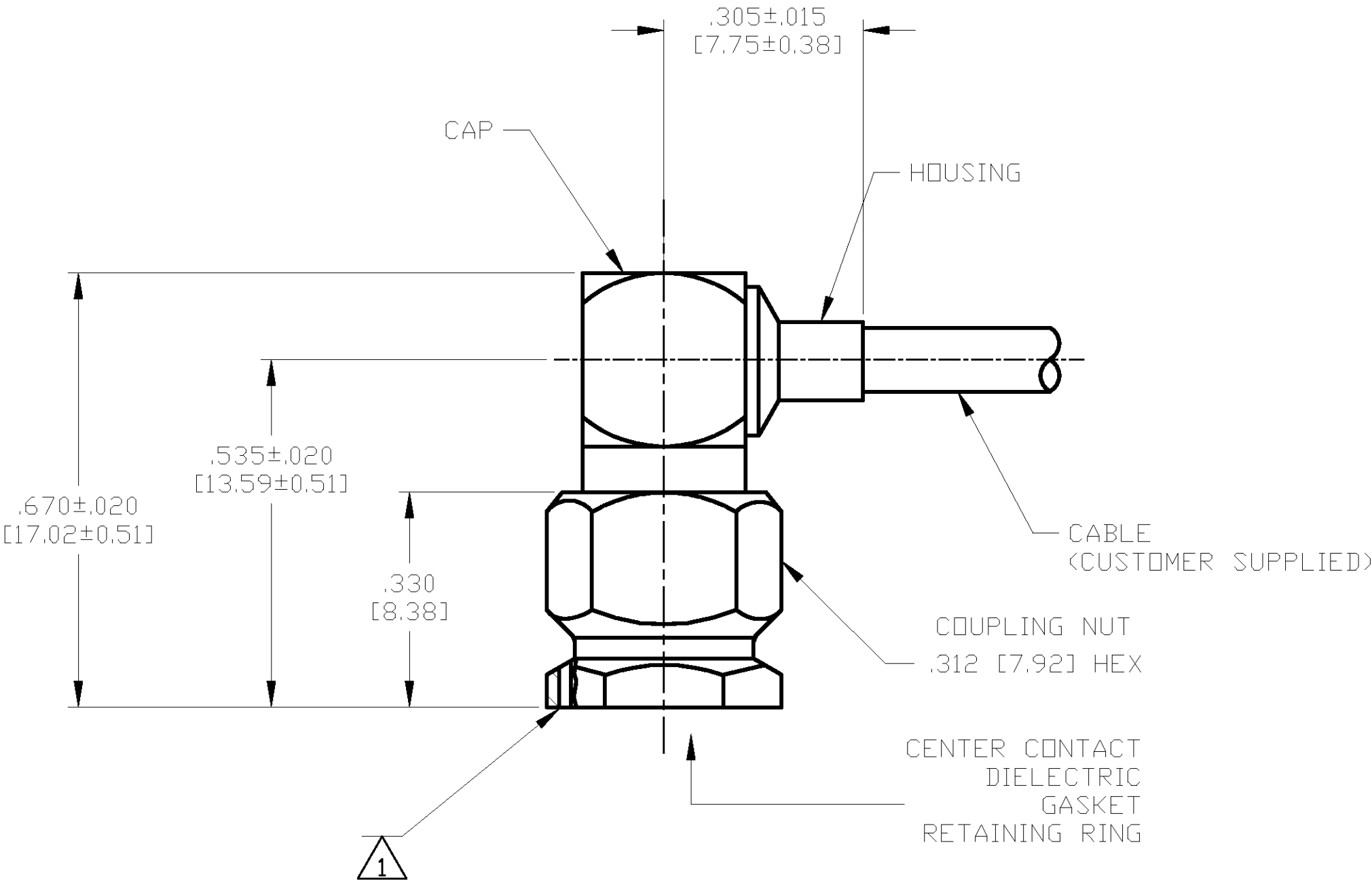
MECHANICAL
INTERFACE DIMENSIONS: MIL-STD-348A FIG. 310.1
RECOMMENDED MATING TORQUE: 7-10 IN-LBS
FORCE TO ENGAGE & DISENGAGE (IN-LBS MAX:) 2.0
WEIGHT (GRAMS): TBD
MATING CHARACTERISTICS: INSERTION (MAX LBS) N/A WITHDRAWAL (MIN OZ): N/A
CABLE RETENTION: AXIAL FORCE (LBS) 30 MIN TORQUE (IN-OZ): 16.0
CENTER 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: 1.10+0.01f(GHz)
INSERTION LOSS: (dB MAX): .05 $\sqrt{f(\text{GHz})}$
RF LEAKAGE (dB MIN): -90 @ 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

LOC	DIST	REVISIONS					
DF	X0	P	LTR	DESCRIPTION	DATE	DWN	APVD
			0	RELEASED	11-02	JMK	JL



AS SHIPPED TO CUSTOMER



ASSEMBLED VIEW

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

DESIGNED TO USE RG-405/U OR EQUIVALENT
CABLE ENTRY DIAMETER MIN
HOUSING: .089 [2.26]
CONTACT: .037 [0.94]
— —
— —
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. KAISER 10/07/02	tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105			
DIMENSIONS: INCHES [mm]		CHK J.LIPPERT 11-20-02				
		APVD J.LIPPERT 11-20-02	NAME SMA RIGHT ANGLE CABLE PLUG-DIRECT SOLDER ATTACHMENT (M39012/80-8005) CAT E			
		PRODUCT SPEC —	SIZE A2			
MATERIAL SEE TABLE		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .005 [0.13] 4 PLC ± — ANGLES ± —	APPLICATION SPEC 408-4844		CAGE CODE 00779	
FINISH SEE TABLE		WEIGHT TBD	DRAWING NO 1051165		RESTRICTED TO —	
CUSTOMER DRAWING			SCALE 5:1	SHEET 1	OF 1	REV 0

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