

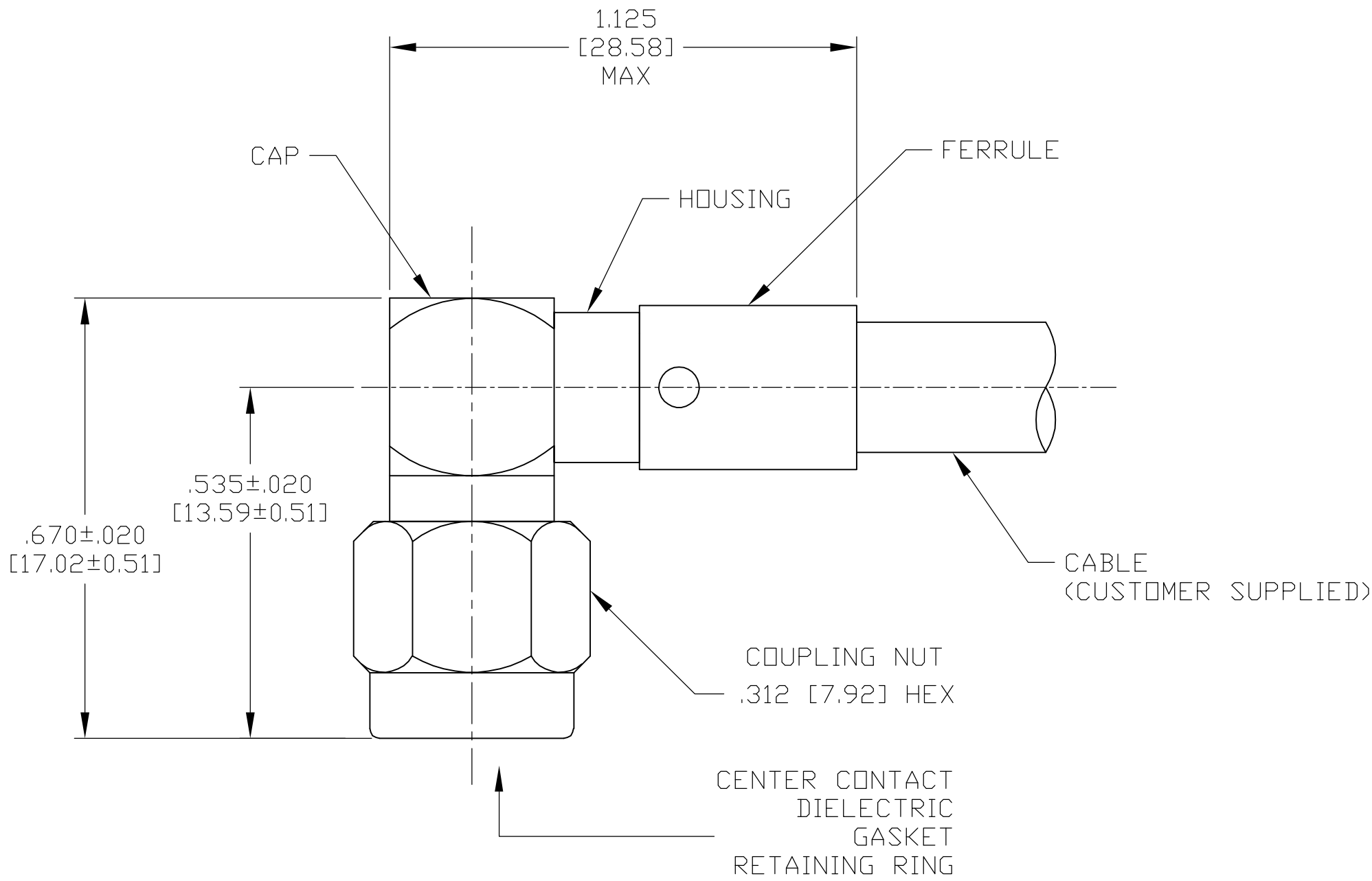
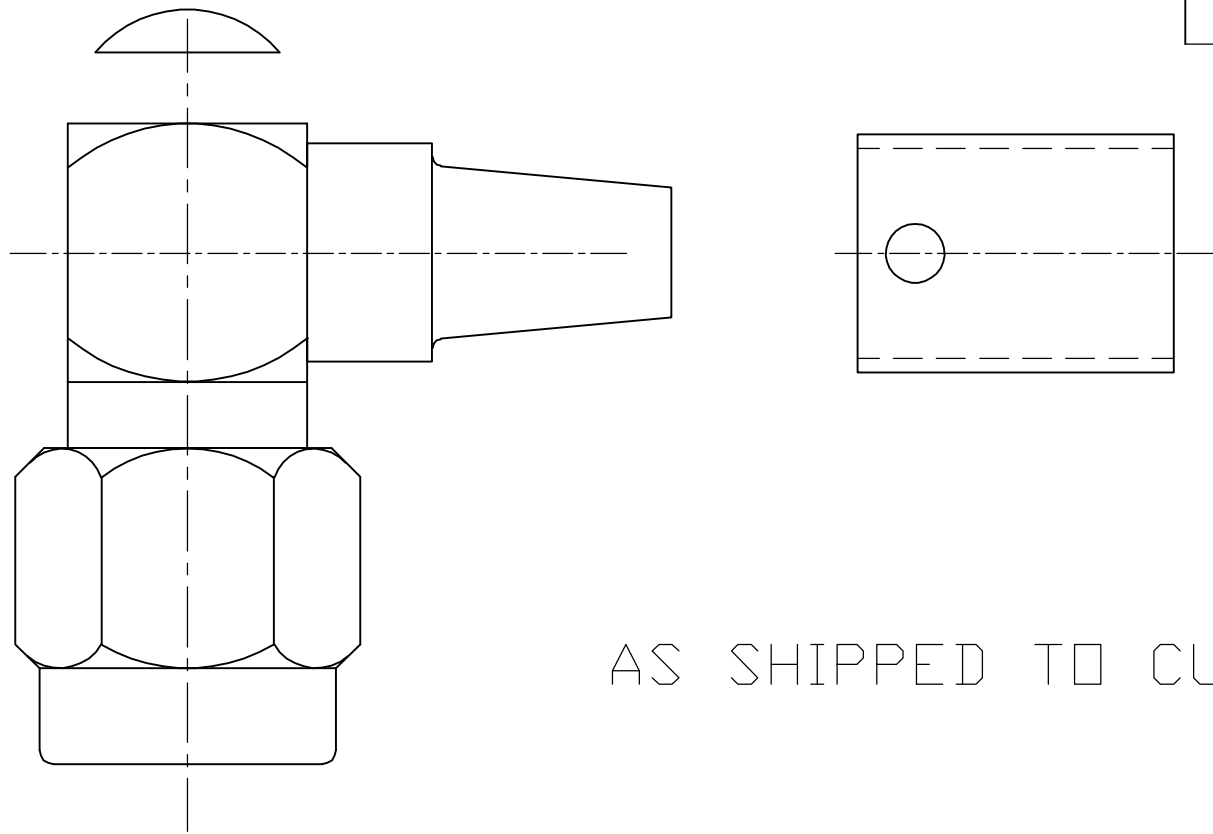
COMPONENT	MATERIAL	FINISH
— — COUPLING NUT	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	PASSIVATED PER ASTM-A-380 —
DIELECTRIC	PTFE FLUORCARBON PER ASTM-D-1457 —	— —
CENTER CONTACT	BRASS PER ASTM-B-16 HALF HARD —	GOLD PLATED PER ASTM-B-488 —
HOUSING CAP	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	GOLD PLATED PER ASTM-B-488 —
GASKET	SILICONE RUBBER PER ZZ-R-765 —	— —
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

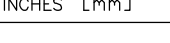
MECHANICAL		
INTERFACE DIMENSIONS: MIL-STD-348A FIG.		310.1
RECOMMENDED MATING TORQUE: 7-10 IN-LBS		
FORCE TO ENGAGE & DISENGAGE (IN-LBS MAX:)		2.0
WEIGHT (GRAMS): TBD		
MATING CHARACTERISTICS:	INSERTION (MAX LBS)	N/A
	WITHDRAWAL (MIN OZ):	N/A
CABLE RETENTION:	AXIAL FORCE (LBS)	40 MIN
	TORQUE (IN-OZ):	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+0.02f(GHz)
INSERTION LOSS: (dB MAX):	.06 $\sqrt{f(\text{GHz})}$
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

LOC	DIST	REVISIONS				
DF	X0	P	LTR	DESCRIPTION	DATE	APVD
		A		REV PER 0H14-0775-04	9-7-05	CT
						FB



ASSEMBLED VIEW

										1052184-1					
										PART NO.					
DESIGNED TO USE RG-58, RG-142, RG-223		THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN J. KAISER 9/24/02		AMP Tyco Electronics Corporation Harrisburg, Pa 17105-3608								
CABLE ENTRY DIAMETER MIN					CHK J. LIPPERT 10-18-02										
HOUSING: .120 [3.05]		DIMENSIONS: INCHES [mm]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J. LIPPERT 10-18-02		NAME							
CONTACT SLOT: .041 [1.04]				0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 [0.13] 4 PLC ± - ANGLES ± -		PRODUCT SPEC		SMA RIGHT ANGLE CABLE PLUG-SOLDER ATTACHMENT (M39012/56-3109) CAT A							
APPLICATION SPEC															
408-4931															
TBD															
— —		MATERIAL		FINISH		WEIGHT		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO			
— —		SEE TABLE		SEE TABLE		TBD		A2		00779	Ⓒ-1052184	—			
FERRULE: .216 [5.48]						CUSTOMER DRAWING		SCALE		5:1	SHEET	1 OF 1	REV	A	
														MA/COM # 2037-8109-92	

AMP 1471-9 REV 31MAR2000

Mouser Electronics

Authorized Distributor

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