

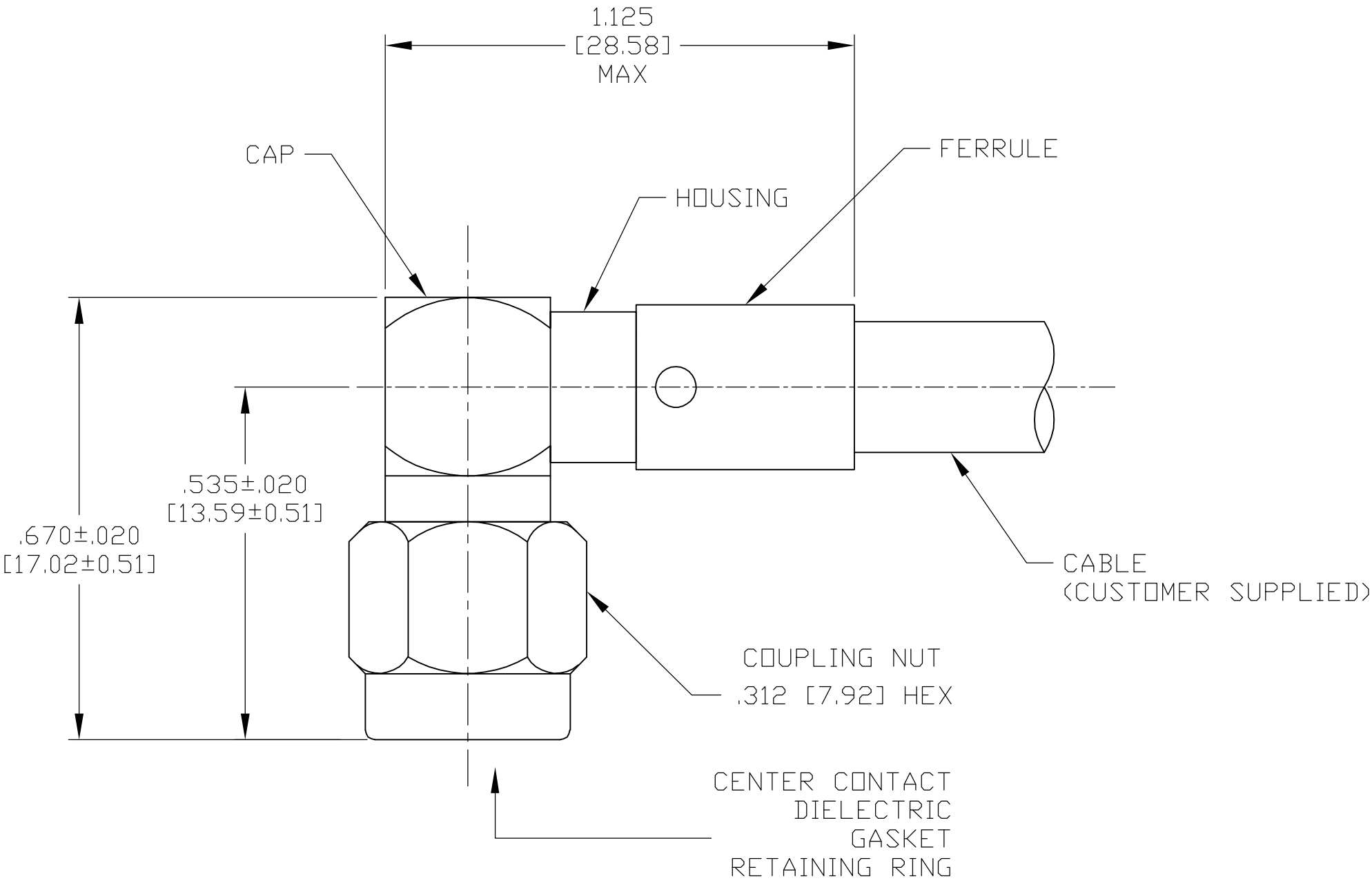
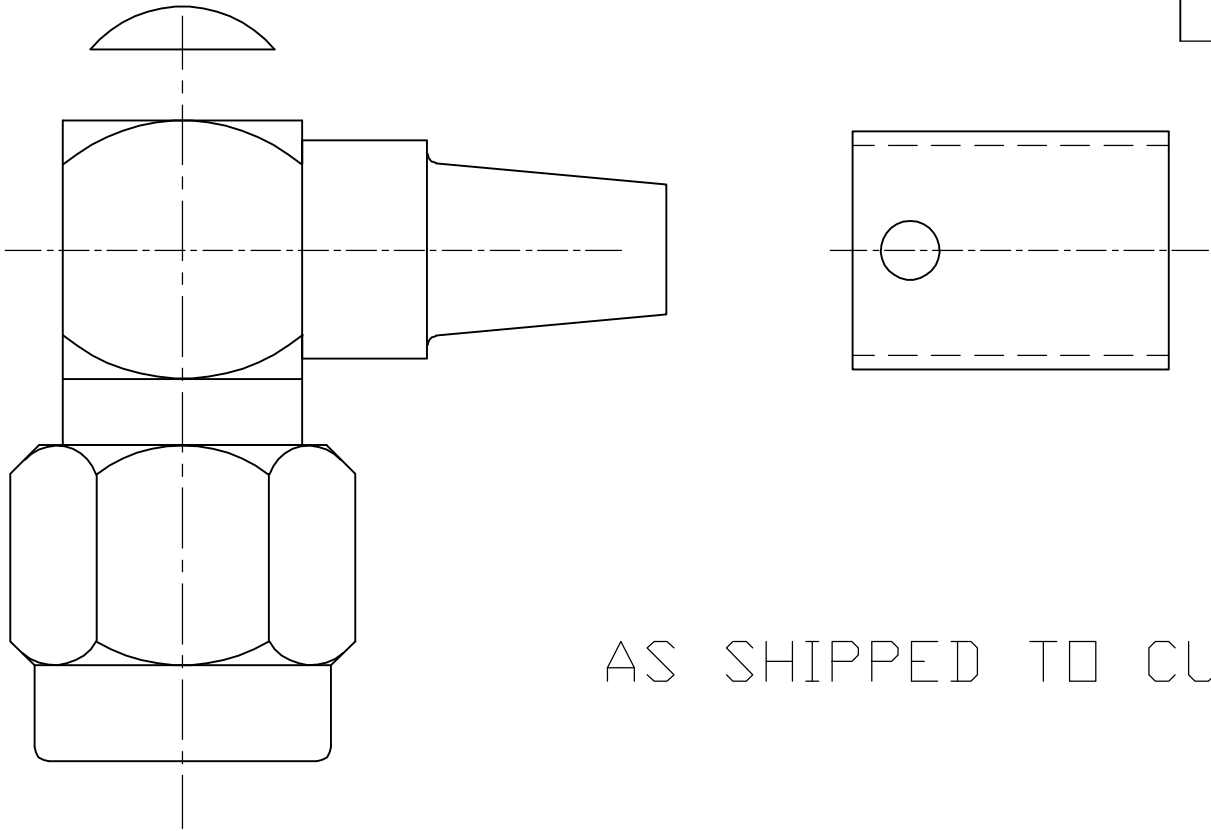
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
DF	X0		A	REV PER 0H14-0775-04	9-7-05	CT	FB

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



DESIGNED TO USE RG-58, RG-142, RG-223	THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. KAISER 9/24/02	1052184-1 PART NO.				
	CABLE ENTRY DIAMETER MIN		CHK J. LIPPERT 10-18-02					
HOUSING: .120 [3.05]	DIMENSIONS: INCHES [mm]		APVD J. LIPPERT 10-18-02	NAME				
CONTACT SLOT: .041 [1.04]			PRODUCT SPEC	SMA RIGHT ANGLE CABLE PLUG-SOLDER ATTACHMENT (M39012/56-3109) CAT A				
— —			APPLICATION SPEC					
— —	MATERIAL		408-4931	SIZE				
FERRULE: .216 [5.48]	SEE TABLE		WEIGHT TBD	A2 00779 C=1052184				
			CUSTOMER DRAWING					
			SCALE 5:1					
			REV A					

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