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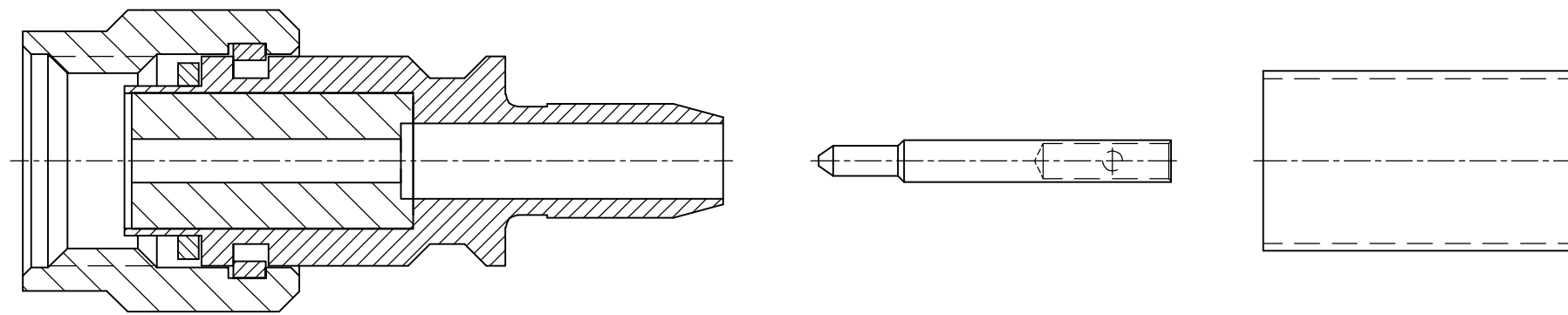
LOC	DIST	REVISIONS					
DF	X0	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	REV PER 0G3D-0032-03	11-03	JMK	JL

COMPONENT	MATERIAL	FINISH
HOUSING — 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	— — —
— — —	— — —	— — —

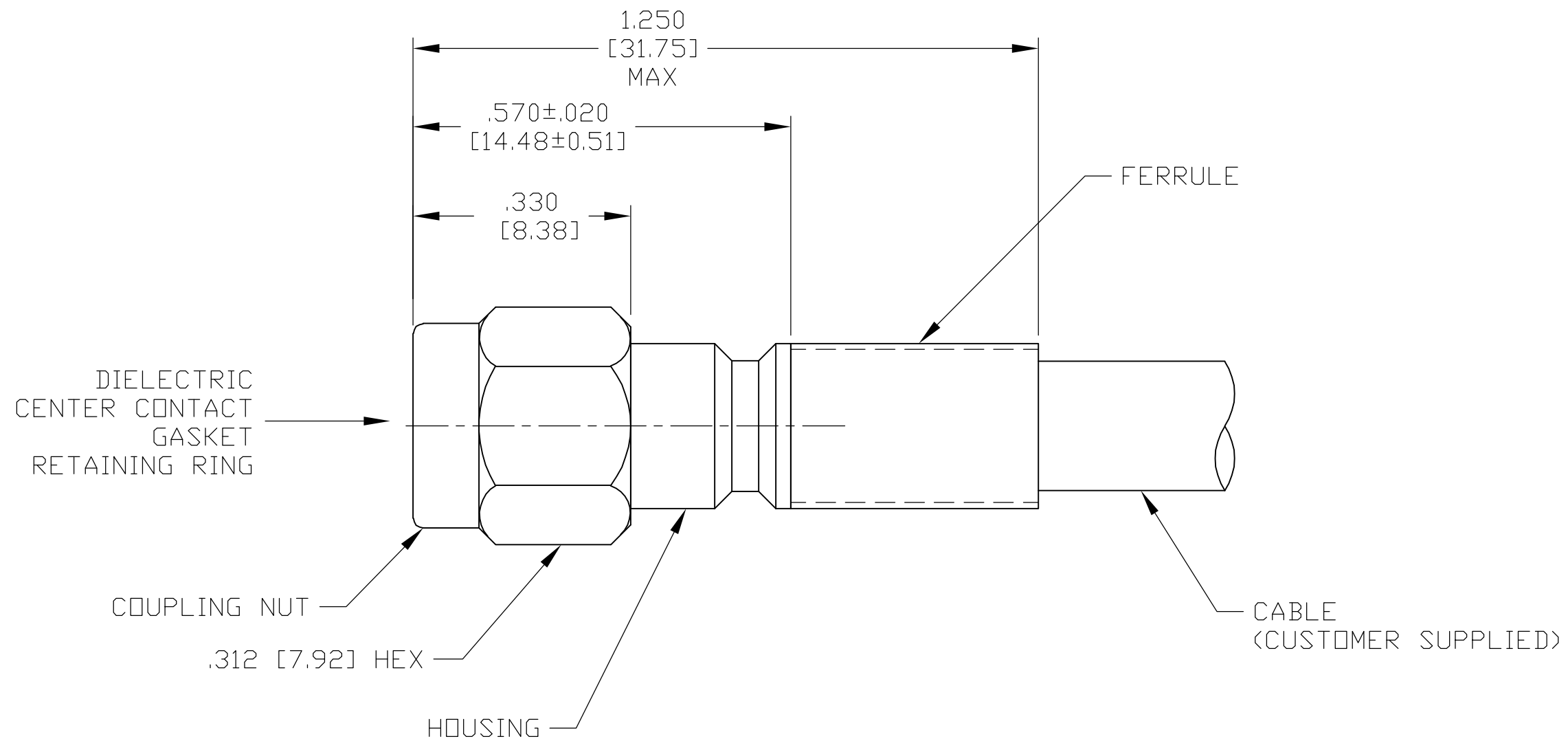
ENVIRONMENTAL
TEMPERATURE RATING: -65°C TO +165°C
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
SHOCK: MIL-STD-202, METHOD 213, CONDITION 1
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106
CORROSION: MIL-STD-202, METHOD 101, CONDITION B. 5% SALT SPRAY
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B 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)	30 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):	250
VSWR:	1.15+ .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):	190
DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL:	750
I.R. (MEGOHMS MIN):	5,000
RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz):	500
CONTACT RESISTANCE (MILLIOHMS MAX):	
	CENTER CONTACT: 3.0
	OUTER CONTACT: 2.0
	CABLE TO HOUSING: 0.5



AS SHIPPED TO CUSTOMER



ASSEMBLED VIEW

DESIGNED TO USE RG-122/U OR EQUIVALENT	
CABLE ENTRY DIAMETER MIN	
HOUSING:	.099 [2.51]
CONTACT:	.034 [0.86]
—	—
—	—
FERRULE:	.172 [4.37]

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN J. KAISER	9/09/02
		CHK J. LIPPERT	10-9-02
DIMENSIONS: INCHES [mm]		APVD J. LIPPERT	10-9-02
		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 [0.13] 4 PLC ± - ANGLES ± -	
MATERIAL		PRODUCT SPEC	
SEE TABLE		APPLICATION SPEC	
		408-8740	
FINISH		WEIGHT	
SEE TABLE		TBD	
CUSTOMER DRAWING			

		Tyco Electronics Corporation Harrisburg, PA 17105			
NAME					
SMA STRAIGHT CABLE PLUG CRIMP ATTACHMENT (M39012/55B3113) CAT B —					
SIZE	CAGE CODE	DRAWING NO			RESTRICTED TO
A2	00779	C-1051798			—
		SCALE	5:1	SHEET	1 of 1
					REV A