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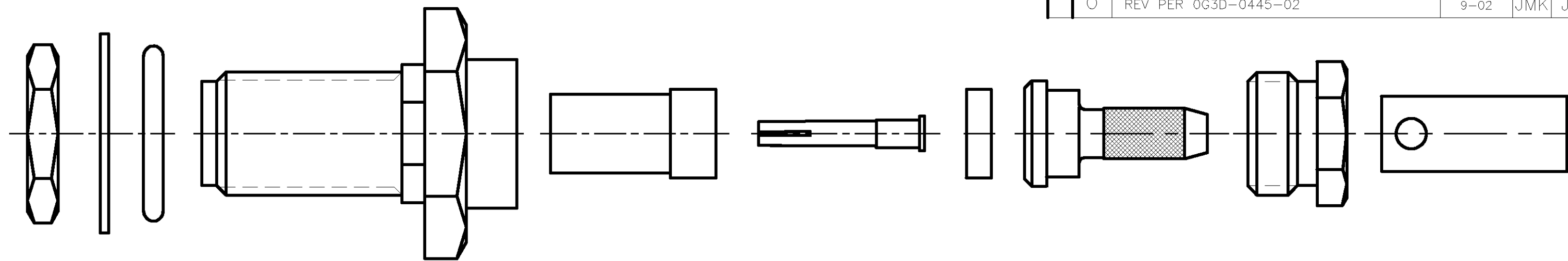
LOC	DIST	REVISIONS					
DF	XO	P	LTR	DESCRIPTION	DATE	DWN	APVD
			0	REV PER 0G3D-0445-02	9-02	JMK	JL

COMPONENT	MATERIAL	FINISH
HOUSING — LOCK WASHER	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-196 OR 197 ALLOY C17300, CONDITION H	GOLD PLATED PER ASTM-B-488 —
CLAMP NUT — JAM NUT	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	PASSIVATED PER ASTM-A-380 —
— "O"—RING —	SILICONE RUBBER PER ZZ-R-765 —	— — —
— FERRULE —	COPPER OR BRASS ALLOY, ROCKWELL F65 MAX	GOLD PLATED PER ASTM-B-488 —
— — —	— — —	— — —
— INNER SLEEVE —	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	GOLD PLATED PER ASTM-B-488 —

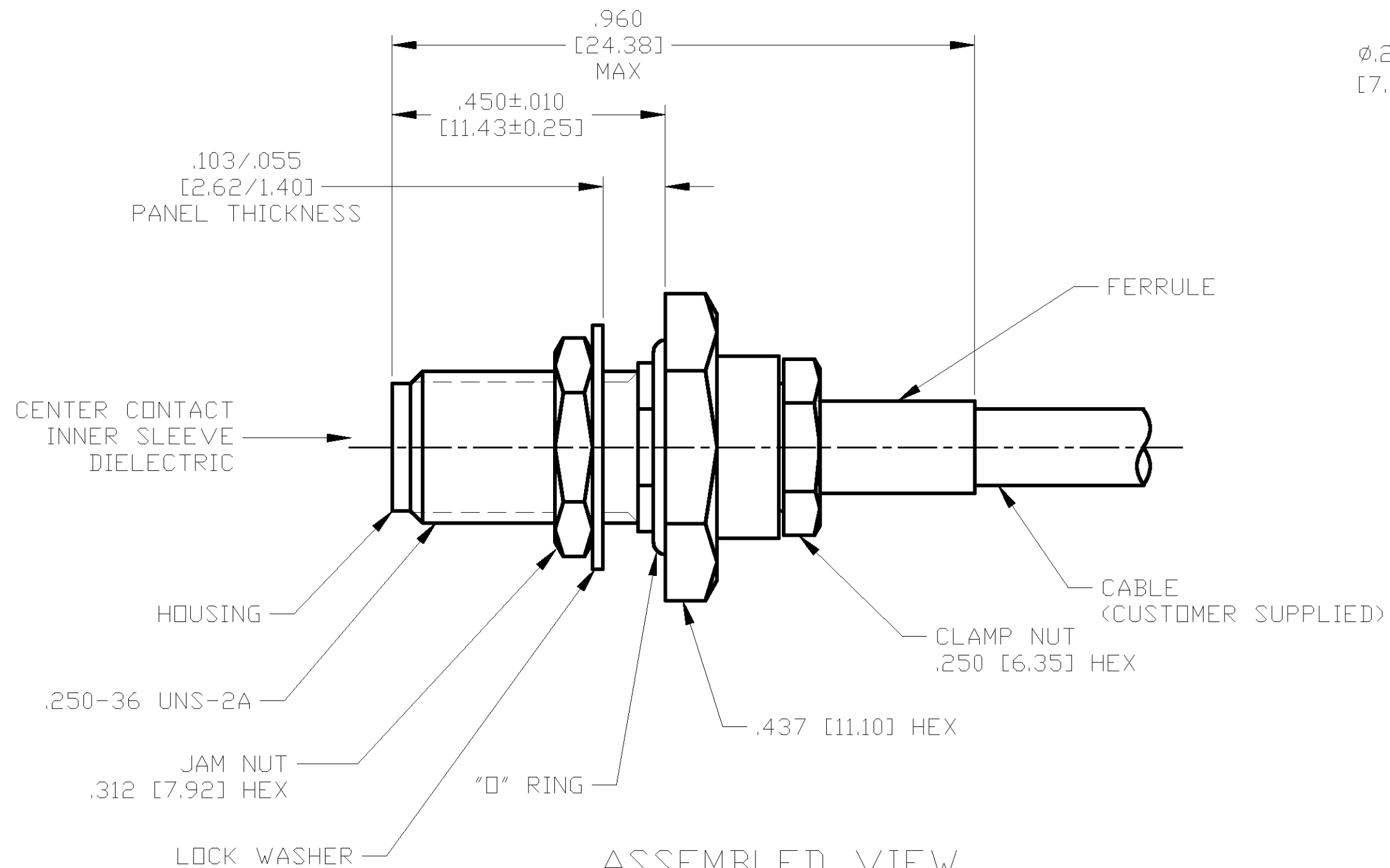
ENVIRONMENTAL
TEMPERATURE RATING: -65°C TO +165°C
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
SHOCK: MIL-STD-202, METHOD 213, CONDITION 1
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106
CORROSION: MIL-STD-202, METHOD 101, CONDITION B. 5% SALT SPRAY
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B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

MECHANICAL		
INTERFACE DIMENSIONS:	MIL-STD-348A FIG.	310.2
RECOMMENDED MATING TORQUE:	7-10 IN-LBS	
FORCE TO ENGAGE & DISENGAGE (IN-LBS MAX:)	2.0	
WEIGHT (GRAMS):	TBD	
MATING CHARACTERISTICS:	INSERTION (MAX LBS)	2
	WITHDRAWAL (MIN OZ):	1
CABLE RETENTION:	AXIAL FORCE (LBS)	20
	TORQUE (IN-OZ):	N/A
CENTER CONTACT CAPTIVATION:	AXIAL (LBS):	6.0
	RADIAL (IN-OZ):	N/A

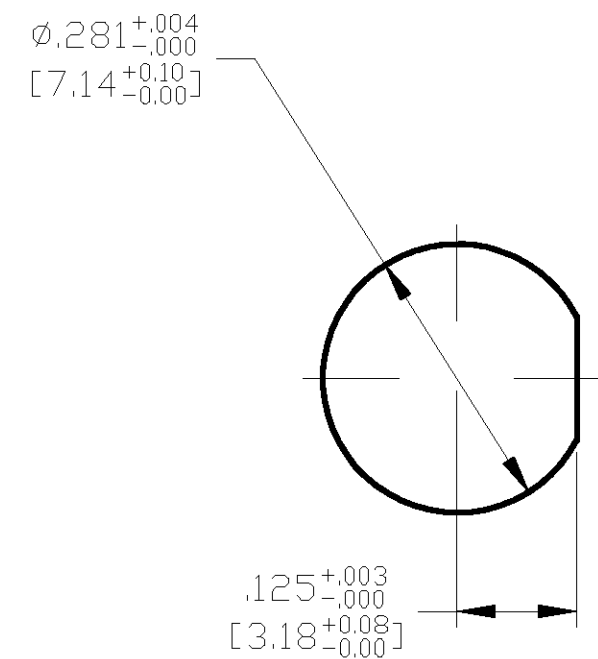
ELECTRICAL	
NORMAL IMPEDANCE (OHMS):	50
FREQUENCY RANGE (GHz):	DC TO 12.4
VOLT RATING @ SEA LEVEL (VRMS MAX):	250
VSWR:	1.20+0.02f(GHz)
INSERTION LOSS: (dB MAX):	.06 $\sqrt{f(\text{GHz})}$
RF LEAKAGE (dB MIN):	-60 @ 2-3GHz
CORONA 70,000 FT (VRMS MIN):	190
DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL:	750
I.R. (MEGOHMS MIN):	5000
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



RECOMMENDED PANEL
CUTOUT

DESIGNED TO USE RG-174/U OR EQUIVALENT	
CABLE ENTRY DIAMETER MIN	
HOUSING:	N/A
CONTACT:	.021 [0.53]
DIELECTRIC:	.021 [0.53]
INNER SLEEVE:	.067 [1.70]
FERRULE:	.125 [3.18]

THIS DRAWING IS A CONTROLLED DOCUMENT.		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:
INCHES [mm]		
	0 PLC	± -
	1 PLC	± -
	2 PLC	± -
	3 PLC	± .005 [0.13]
	4 PLC	± -
	ANGLES	± ± -
MATERIAL	FINISH	
SEE TABLE	SEE TABLE	

DWN J. KAISER		9/19/02		 Tyco Electronics Corporation Harrisburg, PA 17105	
CHK J. LIPPETT		10-18-02			
APPC J. LIPPETT		10-18-02		NAME	
PRODUCT SPEC —				SMA BULKHEAD FEEDTHRU CABLE JACK—SOLDER ATTACHMENT (M39012/59—3007) CAT A	
APPLICATION SPEC 408—4925					
WEIGHT TBD					
SIZE		CAGE CODE		DRAWING NO	
A2		00779		C-1051982	
RESTRICTED TO				—	
CUSTOMER DRAWING				SCALE 5:1 SHEET 1 OF 1 REV 0	

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