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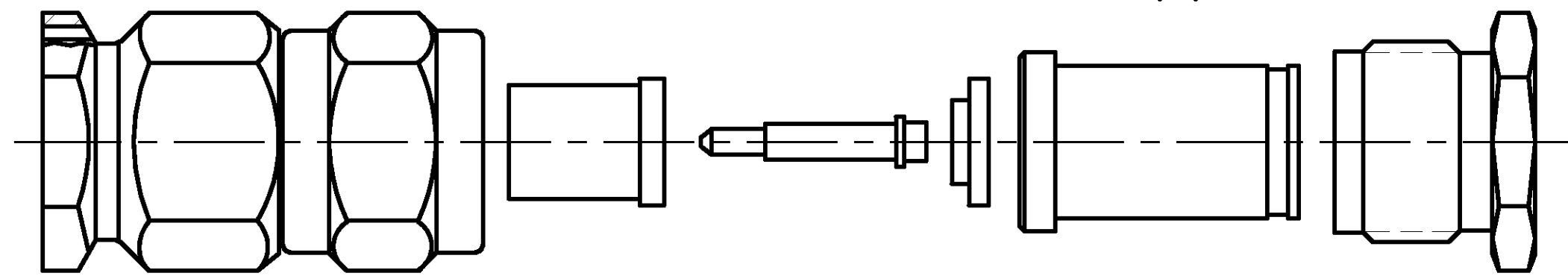
LOC	DIST	REVISIONS					
DF	X0	P	LTR	DESCRIPTION	DATE	DWN	APVD
			B	REV PER 0G3D-0490-02	11-02	JMK	JL

COMPONENT	MATERIAL	FINISH
HOUSING CLAMP NUT 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 — INNER SLEEVE	BRASS PER ASTM-B-16 HALF HARD —	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	— — —
— — —	— — —	— — —

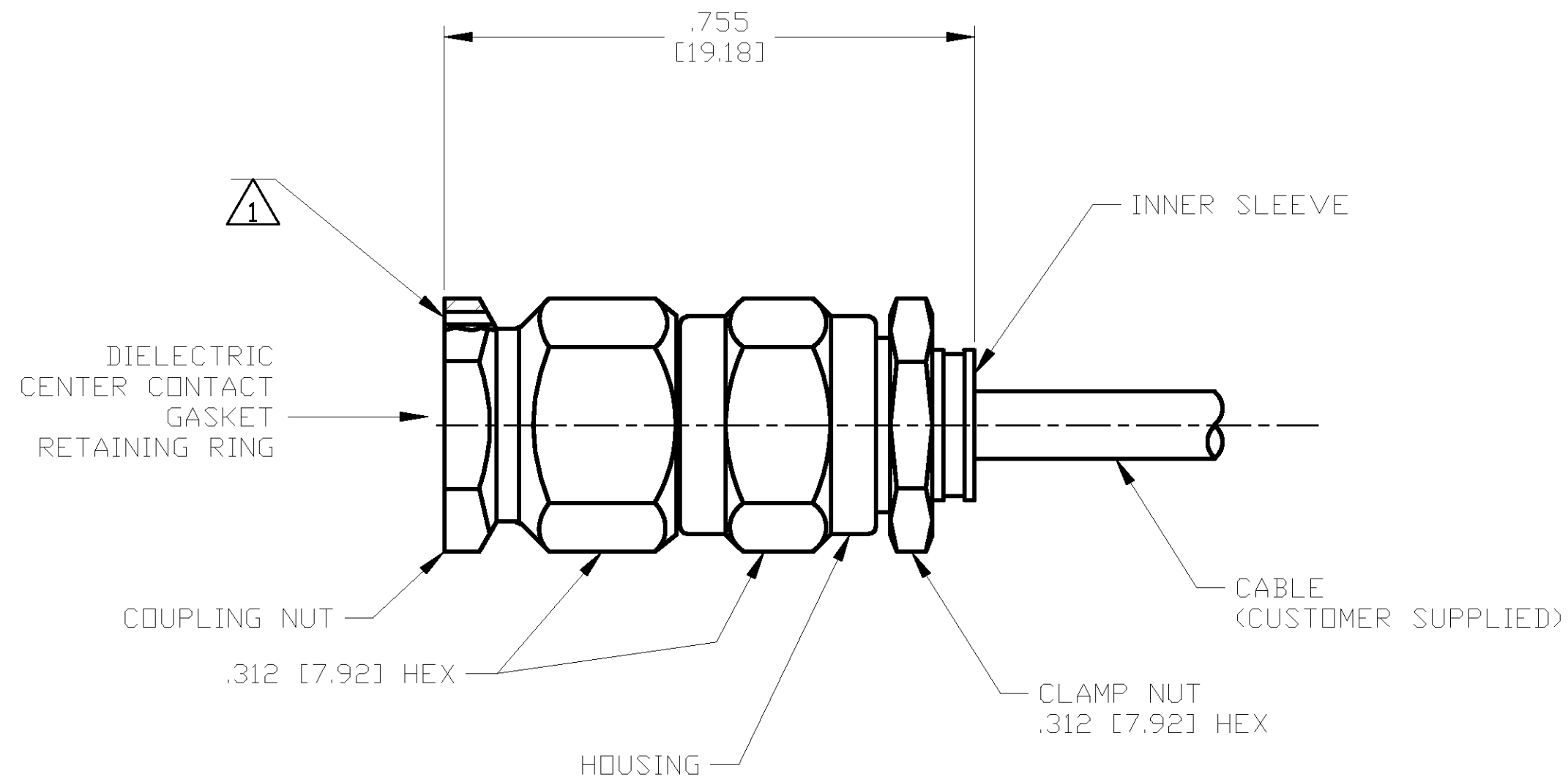
ENVIRONMENTAL
TEMPERATURE RATING: -65°C TO +165°C
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
SHOCK: MIL-STD-202, METHOD 213, CONDITION 1
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106
CORROSION: MIL-STD-202, METHOD 101, CONDITION B. 5% SALT SPRAY
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B 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 18
VOLT RATING @ SEA LEVEL (VRMS MAX):	335
VSWR:	1.07+0.01f(GHz)
INSERTION LOSS: (dB MAX):	.03 $\sqrt{f(\text{GHz})}$
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: 3.0
	OUTER CONTACT: 2.0
	CABLE TO HOUSING: 0.5



AS SHIPPED TO CUSTOMER



ASSEMBLED VIEW

1 $\varnothing$. 018 [0. 46] LOCKWIRE HOLE, 3 PLACES EQUALLY SPACED.

DESIGNED TO USE RG-405/U OR EQUIVALENT	
CABLE ENTRY DIAMETER MIN	
HOUSING:	N/A
CONTACT:	.021 [0.53]
CLAMP NUT:	N/A
SLEEVE:	.087 [2.21]
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. KAISER 9/25/02 CHK 11-22-02 J. LIPPERT APVO 11-22-02 J. LIPPERT PRODUCT SPEC — APPLICATION SPEC 408-4918 WEIGHT TBD		tyco <i>Electronics</i> Tyco Electronics Corporation Harrisburg, PA 17105	
DIMENSIONS: INCHES [mm]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .005 [0.13] 4 PLC ± — ANGLES ± ± —		NAME SMA STRAIGHT CABLE PLUG-SOLDER CLAMP ATTACHMENT (M39012/79-3007) CAT E	
		MATERIAL SEE TABLE		FINISH SEE TABLE	
		CUSTOMER DRAWING		SIZE A2 CAGE CODE 00779 DRAWING NO. C-1050781 RESTRICTED TO —	
		SCALE 5:1 SHEET 1 OF 1 REV B			