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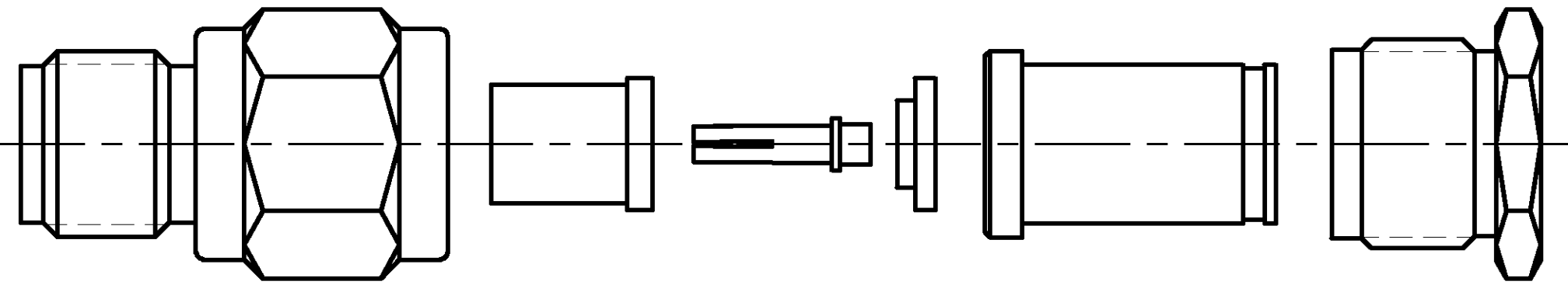
LOC		DIST		REVISIONS			
DF		X0		P	LTR	DESCRIPTION	DATE
					O	RELEASED	11-02
				DWN		APVD	
				JMK		JL	

COMPONENT	MATERIAL	FINISH
HOUSING CLAMP 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	—
INNER SLEEVE	BRASS PER ASTM-B-16 HALF HARD	GOLD PLATED PER ASTM-B-488
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-194 ALLOY C17200, CONDITION H	GOLD PLATED PER ASTM-B-488
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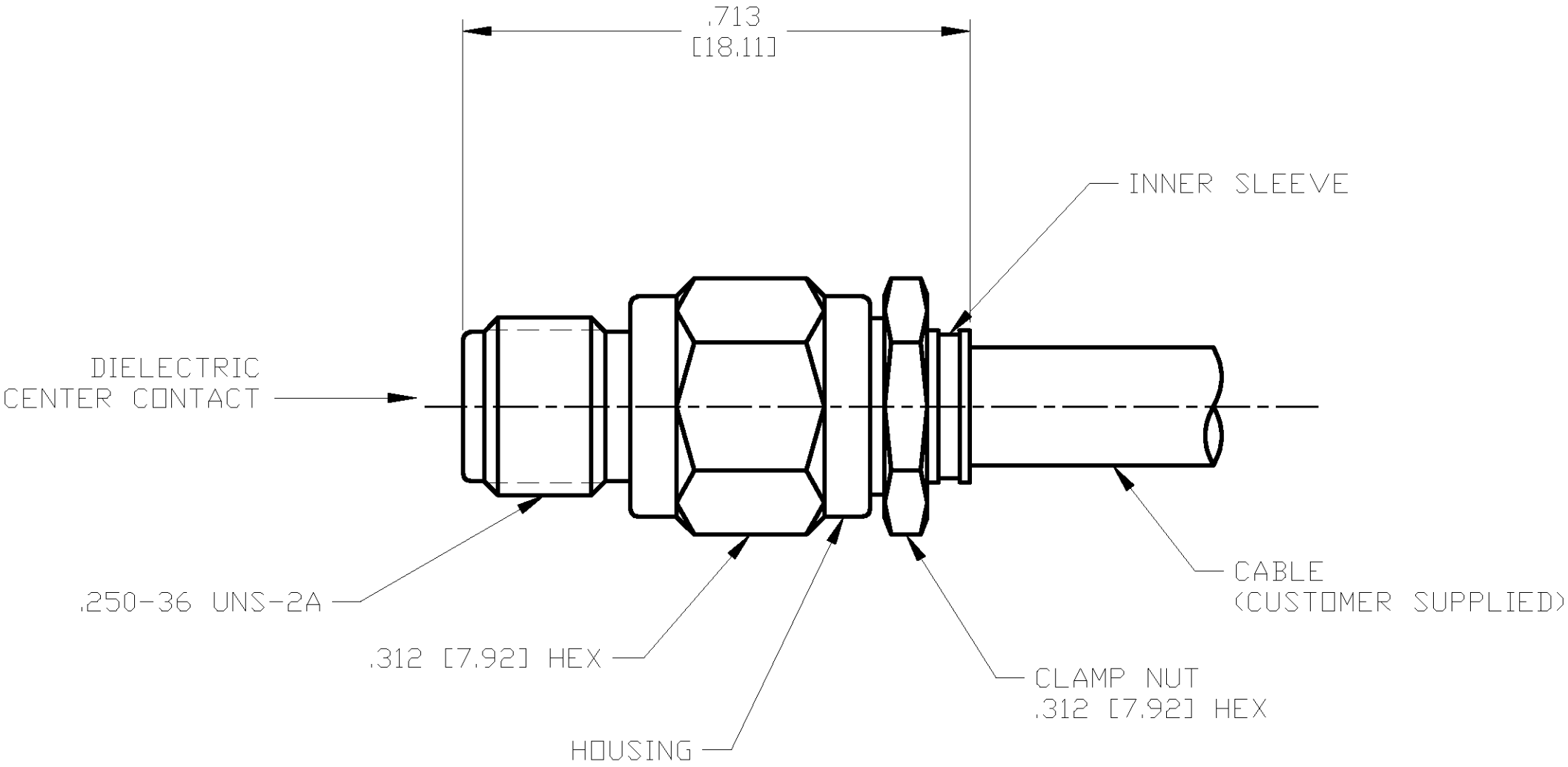
ENVIRONMENTAL	
TEMPERATURE RATING: -65°C TO +165°C	
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D	
SHOCK: MIL-STD-202, METHOD 213, CONDITION 1	
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106	
CORROSION: MIL-STD-202, METHOD 101, CONDITION B. 5% SALT SPRAY	
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B EXCEPT HIGH TEMP 115°C	

MECHANICAL	
INTERFACE DIMENSIONS: MIL-STD-348A FIG. 310.2	
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) 60 MIN	
TORQUE (IN-OZ): 55.0	
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): 500	
VSWR: 1.05+0.01f(GHz)	
INSERTION LOSS: (dB MAX): .03 √f(GHz)	
RF LEAKAGE (dB MIN): -90 @ 2-3 GHz	
CORONA 70,000 FT (VRMS MIN): 375	
DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL: 1500	
I.R. (MEGOHMS MIN): 5,000	
RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz): 1000	
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-402/U OR EQUIVALENT	
CABLE ENTRY DIAMETER MIN	
HOUSING:	N/A
CONTACT:	.040 [1.02]
CLAMP NUT:	N/A
SLEEVE:	.145 [3.68]
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. KAISER 10/09/02		1050925-1	
CHK J.LIPPERT 11-20-02		APVD J.LIPPERT 11-20-02		PART NO.	
DIMENSIONS: INCHES [mm]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 [0.13] 4 PLC ± - ANGLES ± -		tyco Electronics	
MATERIAL SEE TABLE		FINISH SEE TABLE		Tyco Electronics Corporation Harrisburg, PA 17105	
		PRODUCT SPEC —		NAME SMA STRAIGHT CABLE JACK-SOLDER CLAMP ATTACHMENT (M39012/81B3004) CAT B	
		APPLICATION SPEC 408-4837		SIZE A2	
		WEIGHT TBD		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO. 1050925	
		SCALE 5:1		SHEET 1 OF 1	
				REV 0	