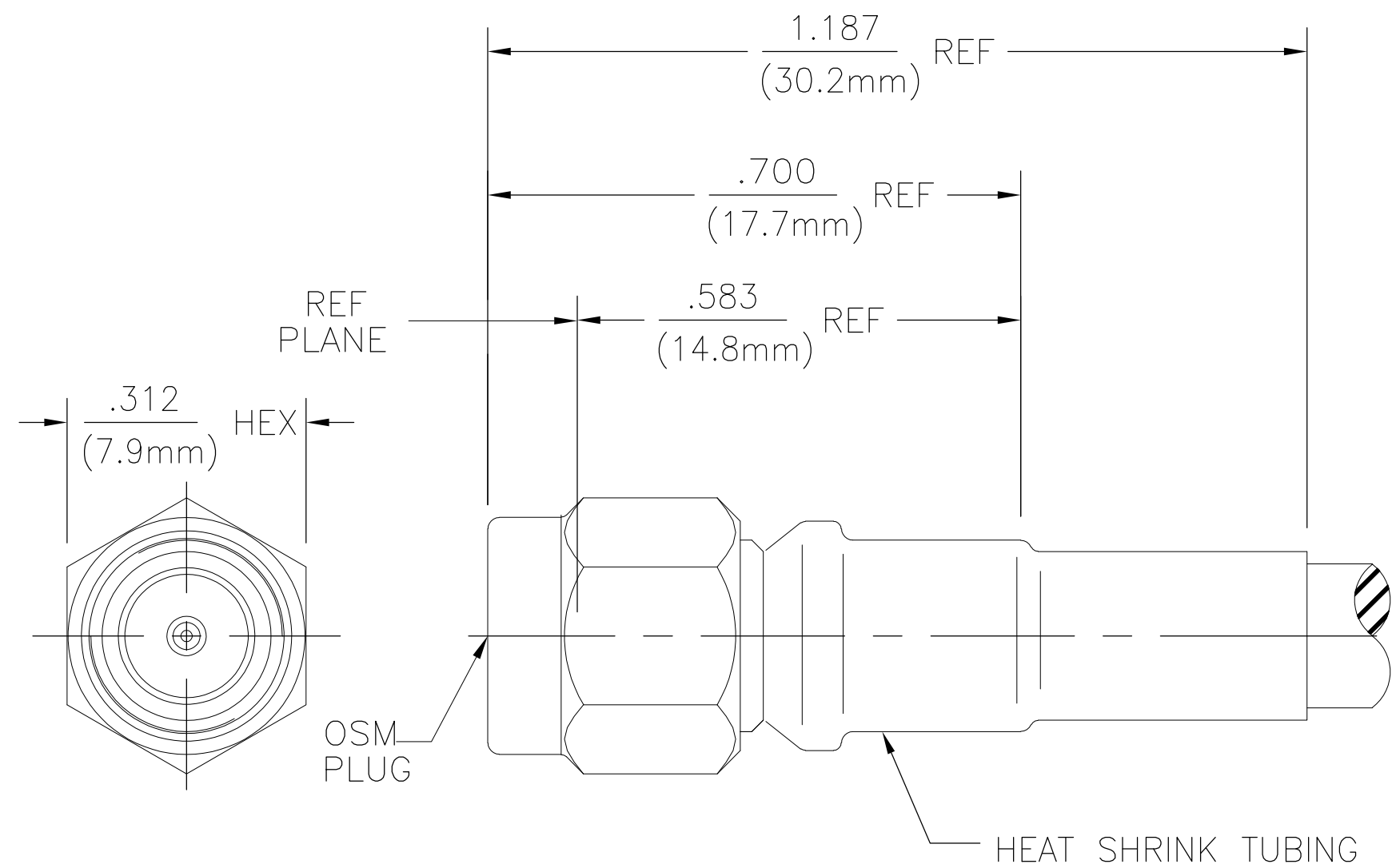


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DESIGNED FOR USE WITH RG-142/U CABLE		LOC AJ	DIST 00	REVISIONS						
				P	LTR	DESCRIPTION			DATE	DWN
CABLE ENTRY DIAMETER MINIMUM				B	REV PER ECO 07-004710			12-03-07	DW	KW
				C	REVISED PER ECO-08-030676			25-02-09	AEG	JKO
HOUSING	.119									
CONTACT	.040									
FERRULE	.216									



- ① BRASS
- ② STAINLESS STEEL
- ③ BERYLLIUM COPPER
- ④ PTFE
- ⑤ GOLD PLATE
- ⑥ POLYOLEFIN COMPOUND
- ⑦ SILICONE RUBBER
- ⑧ BRASS OR COPPER

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A,	TEMPERATURE RATING -62°C TO +165°C
Frequency Range (GHz) DC to 12.4	Fig. 310.1	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Recommended Mating	204, Condition D.
@ Sea Level 335	Torque 7 to 10 in-lbs	Shock MIL-STD-202, Method 213,
VSWR 1.15 +.01 f(GHz)	Mating Characteristics:	Cond I
Insertion Loss (dB MAX) .06 √f(GHz)	Insertion (MAX Lbs) N/A	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) -[60-f(GHz)]	Withdrawal (MIN Oz) N/A	Method 107, Condition B,
	Force to Engage and	EXCEPT HIGH TEMP SHALL BE +85°C
Dielectric Withstanding Voltage	Disengage (In-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202,
(VRMS MIN) @ Sea Level 1,000	Center Contact Captivation	Method 106
Contact Resistance (Milliohms MAX)	Axial (Lbs) N/A	Corrosion - MIL-STD-202, Method
Center Contact 2.0	Radial (In-Oz) N/A	101, Condition B, 5% salt spray
Outer Contact 2.0	Cable to Housing	
Cable to Housing 0.5	Retention (lbs MIN) 45	
RF High Potential @ Sea Level	Weight (Grams) TBD	
(VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 10,000		

								1051650-2
								1051650-1
SHRINK TUBE	FERRULE	CONTACT	HOUSING	GASKET	RETAINING RING	COUPLING NUT	DIELECTRIC	TE PN
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN E.J.C 2/21/68 CHK PRB 2/21/68 APVD D NANIA 2/27/68		Tyco Electronics Corporation Harrisburg, PA 17105-3608		
DIMENSIONS: INCHES		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME		OSM STRAIGHT CABLE PLUG CRIMP ATTACHMENT —		
		0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .005 4 PLC ± — ANGLES ± 1°		PRODUCT SPEC		SIZE CAGE CODE DRAWING NO RESTRICTED TO A2 00779 C-1051650 —		
		APPLICATION SPEC		—				
MATERIAL		FINISH		WEIGHT		—		
—		—		—		—		
CUSTOMER DRAWING						SCALE 4:1		SHEET 1 of 1
						REV C		