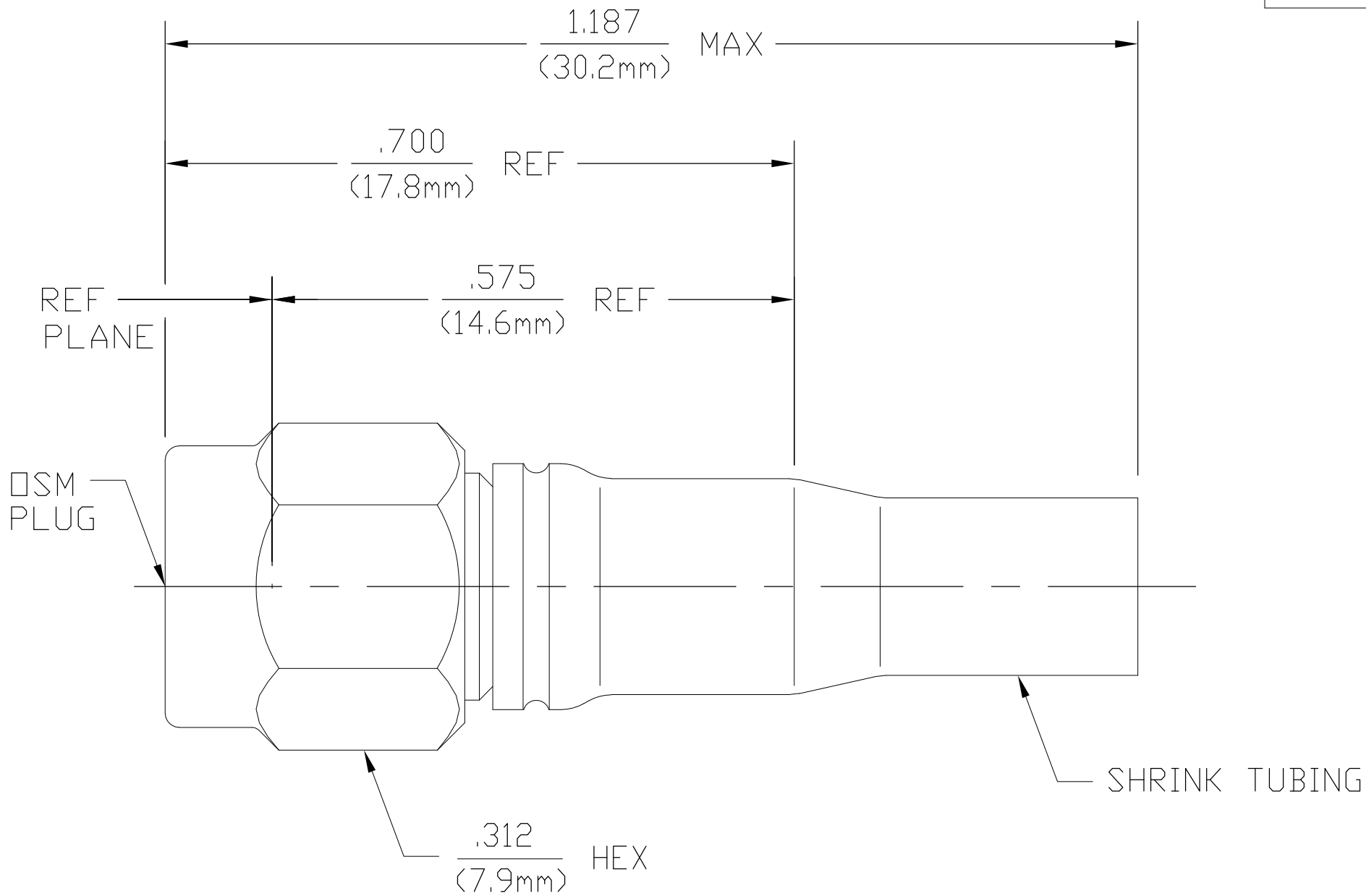


DESIGNED FOR USE WITH RG-188/U CABLE	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.125
HOUSING	.067
CONTACT	.021

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION		DATE	DWN	APVD
	B	REV PER ECO 07-004710		3/12/2007	DW	KW



1051655-1
PART
NUMBER

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	TEMPERATURE RATING -65°C TO +165°C
Frequency Range (GHz) DC to 12.4	Recommended Mating Torque 7 to 10 in-lbs	Vibration MIL-STD-202, Method 204, Condition B.
Volt Rating (VRMS MAX) @ Sea Level 250	Force to Engage and Disengage (in-lbs MAX) 2.0	Shock MIL-STD-202, Method 213, Condition I.
VSWR 1.15 ±.015F (GHz)	Center Contact Captivation Axial (lbs) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) .15 @ 6 GHz	Radial (in-oz) N/A	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -60 @ 2 - 3 GHz	Cable Retention Axial Force (lbs) 20.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 375	Torque (in-lbs) N/A	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Retention (lbs MIN) 60	
Contact Resistance (Milliohms MAX) Center Contact 3.0	Proof Torque (in-lbs MIN) 15	
Outer Contact 2.0	Weight (Grams) 2.9	
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1,000		
I.R.(Megohms MIN) 5,000		

.XXX = in
XX.X = mm (REF)

HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H OR BRASS PER ASTM-B-16	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204
COMPONENT	MATERIAL	FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DRF 10/17/76	tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608							
DIMENSIONS: INCHES		CHK RBG 4/6/77	NAME SMA STRAIGHT CABLE PLUG CRIMP ATTACHMENT —							
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .005 4 PLC ± — ANGLES ± 1°	APVD —								
		PRODUCT SPEC —								
MATERIAL —	FINISH —	APPLICATION SPEC —	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO				
		WEIGHT —	A2	00779	C=1051655	—				
CUSTOMER DRAWING					SCALE	5:1	SHEET	1 of 1	REV	B