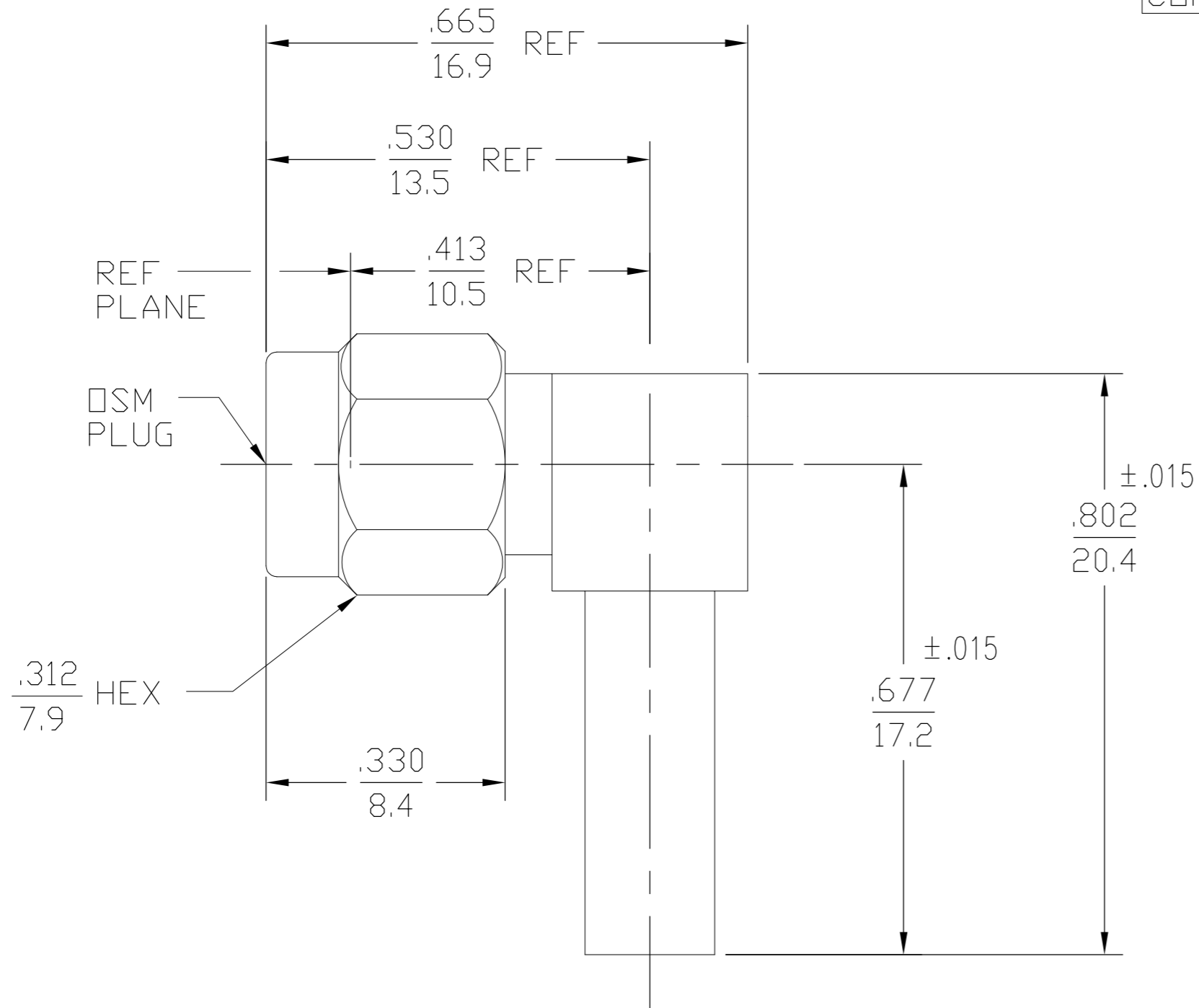


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DESIGNED FOR USE WITH  
 RD316/U (DOUBLE BRAID)  
 CABLE ENTRY DIAMETER  
 MINIMUM  
 FERRULE .137  
 HOUSING .066  
 CONTACT SLOT .041

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AJ	00	B	REV PER ECO 07-004710	2/28/2007	DW KW



1253729-1  
 PART NUMBER

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
CAP	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
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	NICKEL PLATE PER QQ-N-290

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 7-10 In-Lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 250	Mating Characteristics: Insertion (MAX Lbs) N/A	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.18+.02f(GHz)	Withdrawal (MIN Oz) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +85°C
Insertion Loss (dB MAX) .07 √f(GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -(60-fGHz)	Center Contact Captivation Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 190	Cable Retention Axial Force (Lbs) 25 Min	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Torque (In-Oz) N/A	
Contact Resistance (Milliohms MAX) Center Contact 2.0	Weight (Grams) TBD	
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500		
I.R.(Megohms MIN) 10,000		

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	PATLAN	3-12-98
CHK	KL	3-12-98
APVD	KL	3-12-98

**tyco Electronics** Tyco Electronics Corporation  
 Harrisburg, PA 17105-3608

NAME: OSM RIGHT ANGLE CABLE PLUG CRIMP ATTACHMENT

SIZE	A2	CAGE CODE	00779	DRAWING NO	C=1253729	RESTRICTED TO	-
WEIGHT	-	SCALE	4:1	SHEET	1 of 1	REV	B

CUSTOMER DRAWING