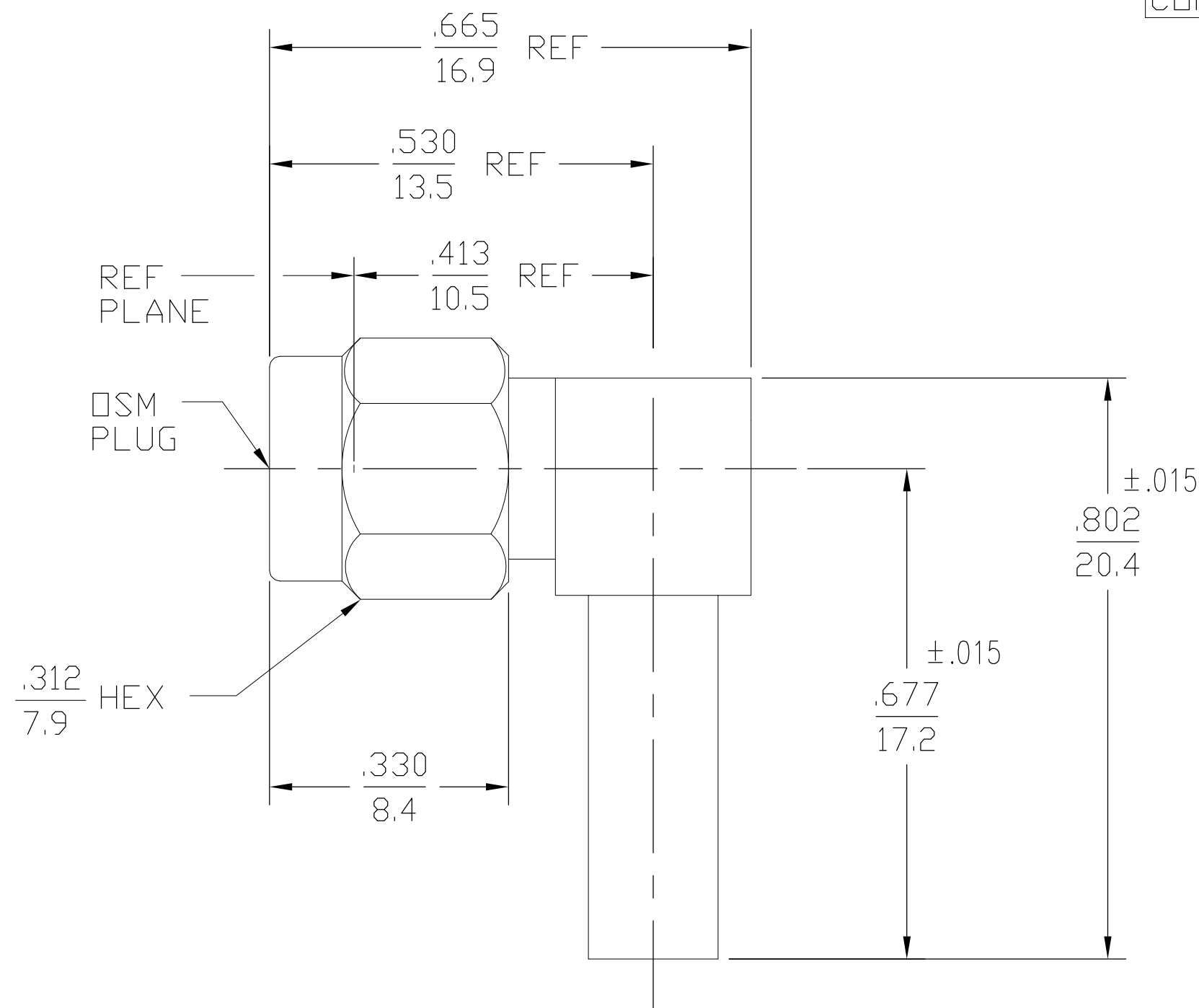


DESIGNED FOR USE WITH RD316/U (DOUBLE BRAID)	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.137
HOUSING	.066
CONTACT SLOT	.041

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



1253729-1
PART NUMBER

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ω hms) 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+0.02F(GHz)	Withdrawal (MIN Oz) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) .07 $\sqrt{f}$ (GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	EXCEPT HIGH TEMP +85°C
RF Leakage (dB MIN) -(60-fGHz)	Center Contact Captivation	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) 190	Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Radial (In-Oz) N/A	
Contact Resistance (Milliohms MAX) Center Contact 2.0	Cable Retention	
Duter Contact 2.0	Axial Force (Lbs) 25 Min	
Cable to Housing 0.5	Torque (In-Oz) N/A	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500	Weight (Grams) TBD	
I.R.(Megohms MIN) 10,000		

.XXX = in

XX.X = mm (REF)

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
COMPONENT	MATERIAL	FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN PATLAN 3-12-98	tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608	
		CHK KL 3-12-98		
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD KL 3-12-98	NAME	
	0 PLC ± -	PRODUCT SPEC	OSM RIGHT ANGLE CABLE PLUG CRIMP ATTACHMENT	
	1 PLC ± -	—	—	
	2 PLC ± -	APPLICATION SPEC	—	
	3 PLC ± .005	—	SIZE	CAGE CODE
	4 PLC ± -	WEIGHT	DRAWING NO	RESTRICTED TO
	ANGLES ± 1°	—	A2 00779	C-1253729
MATERIAL	FINISH	CUSTOMER DRAWING		
—	—	SCALE 4:1	SHEET 1 OF 1	REV B