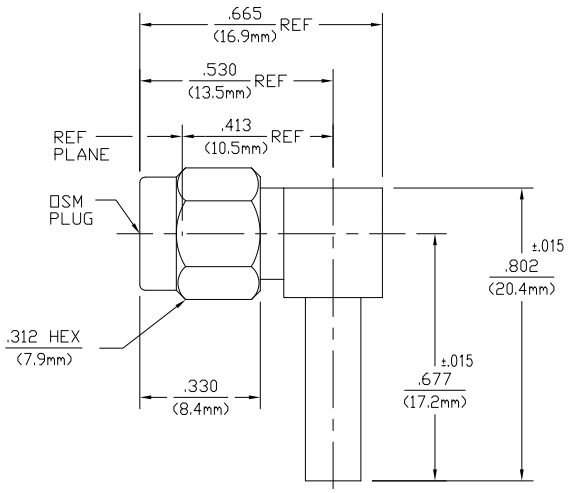
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION -.-.
© COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST
AJ	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	REVISED PER ECO-09-026299	25Nov2009	AM	BOB

DESIGNED FOR USE WITH RD316 CABLES	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.137
HOUSING	.062
CONTACT	.041



1. BRASS
2. STAINLESS STEEL
3. BERYLLIUM COPPER
4. PTFE
5. SILICONE RUBBER
6. GOLD PLATE
7. NICKEL PLATE
8. PASSIVATE

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	DURABILITY:500 CYCLES
Volt Rating (VRMS MAX) @ Sea Level 250	Mating Characteristics: Insertion (MAX Lbs) N/A	.XXX = in
VSWR 1.18+.02F(GHz)	Withdrawal (MIN Oz) N/A	XX.X = mm
Insertion Loss (dB MAX) $.07\sqrt{F(GHz)}$	Force to Engage and Disengage (In-Lbs MAX) 2.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Center Contact Captivation Axial (Lbs) 6.0	
Contact Resistance (Milliohms MAX) Center Contact 3.0	Radial (In-Oz) N/A	
Outer Contact 2.0	Cable Retention Axial Force (Lbs) 20 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) 5,000		

CAP	HOUSING	COUPLING NUT	DIELEC-TRIC	CENTER CONTACT	FERRULE	RETAINING RING	GASKET	TE PN.
2 8	2 8	2 8	4	1 6	1 7	3	5	1056456-1
1 7	1 7	1 7	4	1 6	1 7	3	5	1056456-3

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN BB 2/1/93
CHK –
APVD DC 2/3/93
PRODUCT SPEC 108-112002
APPLICATION SPEC 408-4659
WEIGHT –

Tyco Electronics
Tyco Electronics Corporation
Kunshan,Jiangsu, RPC 215312

NAME OSM RIGHT ANGLE CABLE PLUG CRIMP ATTACHMENT

SIZE A2 | CAGE CODE 00779 | DRAWING NO C-1056456 | RESTRICTED TO –

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV B1

1056456

AMP 1471-9 REV 31MAR2000

Downloaded from Elcodis.com electronic components distributor