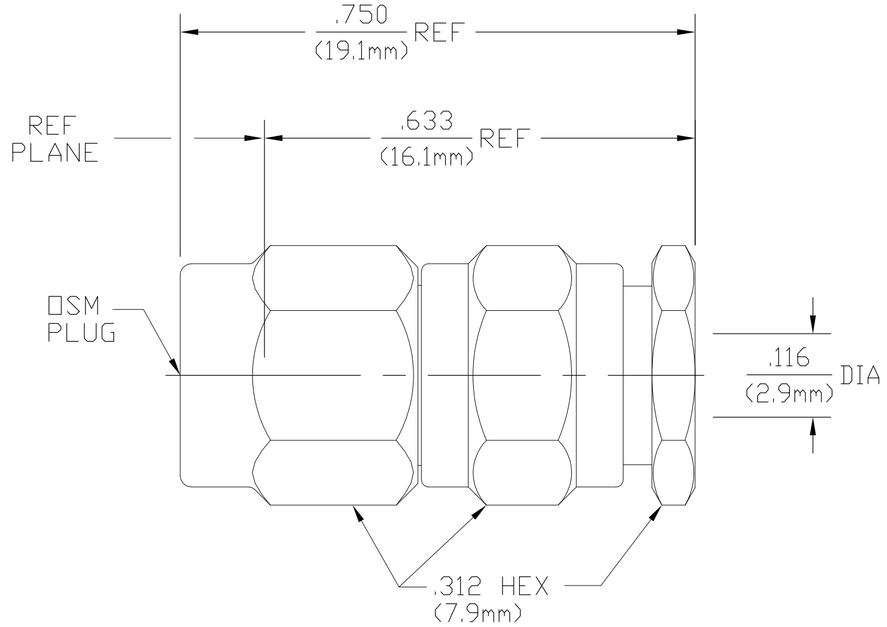
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LOC	DIST
AJ	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	REV PER ECO 07-004710	3/14/2007	DW	KW

DESIGNED FOR USE WITH RG188/U FLEXIBLE CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.0234
DIELECTRIC	.066
COLLAR	.0656
CLAMP NUT	.1124



1050720-1

PART NUMBER

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CLAMP NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H OR BRASS PER ASTM-B-16	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
COLLAR	BRASS PER QQ-B-626 COMP. 360, HALF HARD	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A,	TEMPERATURE RATING –65°C TO +165°C
Frequency Range (GHz) DC to 18	Fig. 310.1	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Recommended Mating	204, Condition D
@ Sea Level 250	Torque 7-10 In-Lbs	Shock MIL-STD-202, Method 213,
VSWR 1.15 + .02f(GHz)	Mating Characteristics:	Condition I
Insertion Loss (dB MAX) $.06\sqrt{f}$ 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,
Corona, 70,000 Ft (VRMS MIN) 190	Force to Engage and	EXCEPT HIGH TEMP 85°C
Dielectric Withstanding Voltage	Disengage (In-Lbs MAX) 2	Moisture Resistance MIL-STD-202,
(VRMS MIN) @ Sea Level 750	Center Contact Captivation	Method 106 Step 7b (Vibration)
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6 Min	Shall Be Omitted
Center Contact 3.0	Radial (In-Oz) N/A	Corrosion - MIL-STD-202, Method
Outer Contact 2.0	Cable Retention	101, Condition B, 5% salt spray
Cable to Housing 0.5	Axial Force (Lbs) 20 MIN	
RF High Potential @ Sea Level	Torque (In-Oz) N/A	
(VRMS MIN @ 5 MHz) 500	Weight (Grams) TBD	
I.R.(Megohms MIN) 5,000		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± .005
4 PLC ± –
ANGLES ± 1°

MATERIAL –

FINISH –

DWN BWC	6/2/67
CHK –	–
APVD DJ	8/10/67
PRODUCT SPEC	–
APPLICATION SPEC	–
WEIGHT	–

CUSTOMER DRAWING

tyco Electronics

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
OSM STRAIGHT CABLE PLUG CLAMP ATTACHMENT
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1050720	–

SCALE 5:1 SHEET 1 OF 1 REV B

1050720

Mouser Electronics

Authorized Distributor

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