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LOC	DIST
HC	00

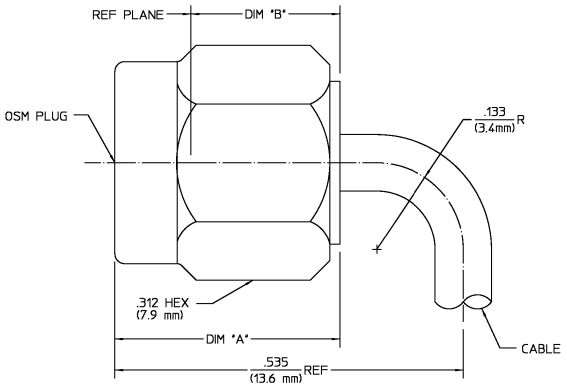
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	ADDED DASH 2	11/9/00		
	B1	REV PER ECO-09-027197	9DEC09	KK	AEG

NOTES:

1. PICTORIAL VIEW IS AFTER CRIMPING
2. MIN STRAIGHT CABLE LENGTH: .175
3. IT IS SUGGESTED TO BEND CABLE PRIOR TO CRIMPING
4. BULK PACKAGED IN QTY'S OF 100

5 **OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI**



COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT BUSHING	STAINLESS STEEL	PASSIVATE
DIELECTRIC	TFE FLUOROCARBON	N/A
CENTER CONTACT	BERYLLIUM COPPER	GOLD PLATE
RETAINING RING	BERYLLIUM COPPER	N/A
GASKET	SILICONE RUBBER	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348,	Temperature Rating -65° to +105°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque (In/Lbs) 7-10	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 375	Center Contact Captivation Axial (Lbs) 6	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05+.005f(GHz)	Radial (In/Oz) NONE	Thermal Shock MIL-STD-202, Method 102, Condition C
Insertion Loss (dB MAX) .03x $\sqrt{f(GHz)}$	Cable Retention Axial Force (Lbs) 30	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(100-f(GHz))	Torque (In/Oz) 16	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) 335	Weight (Grams) 2.1	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000		
Contact Resistance (Milliohms MAX) Center Contact 2.0		
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 5000		

DESIGNED FOR USE WITH .085 S.R.(RG 405/U)	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.088
CONTACT	.021

	DIM "A"	DIM "B"
BEFORE CRIMPING	.335 ±.020 (8.5 mm)	.317 REF (8.1 mm)
AFTER CRIMPING	.335 ±.020 (8.5 mm)	.230 REF (5.8 mm)

5 OBSOLETE	4	~~1050611-2~~
	---	1050611-1
	COMMENTS	AMP P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN 10/17/00

CHK

APVD

PRODUCT SPEC –

APPLICATION SPEC –

IS SHEET 408-4697

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC ±.005 ANGLES ±1°

MATERIAL –

FINISH –

AMP Tyco Electronics Corporation Waltham MA. 02451-7599

NAME OSM LOW PROFILE STRAIGHT CABLE PLUG-COMPRESSION CRIMP ATTACHMENT (2001-5443-02)

SIZE A2 | CAGE CODE 26805 | DRAWING NO 1050611 | RESTRICTED TO —

CUSTOMER DRAWING | SCALE 10:1 | SHEET 1 OF 1 | REV B1

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