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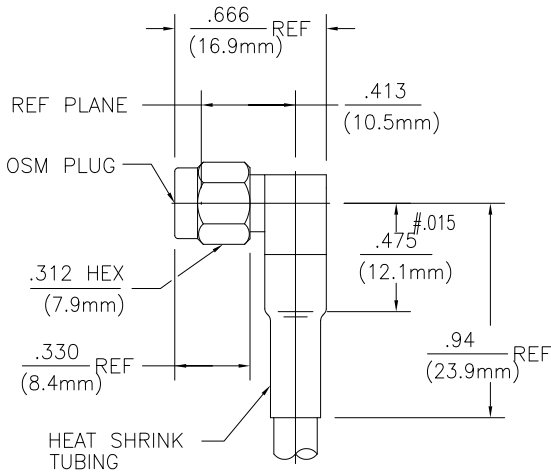
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DESIGNED FOR USE WITH RG-55/U, 142, 223 & 400 FLEXIBLE CABLES	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.040
HOUSING	.121

LOC	DIST	REVISIONS					
AJ	00	P	LTR	DESCRIPTION	DATE	MIN	APD
		B		REV PER EDD 07-004710	3/9/2007	DW	KW



1052071-1
PART NUMBER

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CAP	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 NICKEL PLATE PER QQ-N-290
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348, Fig. 310.1	Temperature Rating -65°C TO 125°C
Frequency Range (GHz) Max operating frequency of cable per MIL-C-17	Recommended Mating Torque 7 to 10 Inch-Pounds	Vibration MIL-STD-202, Method 204, Cond. D
Voltage Rating (VRMS MIN) 335 @ Sea Level	Mating Characteristics: Insertion (MAX Lbs) N/A	Shock MIL-STD-202, Method 213, Cond. I
VSWR 1.15+0.2f(GHz)	Withdrawal (MIN Oz) N/A	Thermal shock MIL-STD-202 Method 107, Cond. B except HIGH TEMP SHALL BE 115°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, except step 7b (vibration) shall be omitted
Rf Leakage (dB MIN) -[60-f(GHz)]	Center Contact Captivation: Axial (Lbs) 6.0	Corrosion MIL-STD-202, Method 101, Cond. B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250 D.W.V.	Radial (Inch-Ounces) 4.0	
(VRMS MIN) 1000 @ Sea Level	Cable Retention: Axial (Lbs) 40 Min(45 Min when used with double braid cable)	
Contact Resistance: Center Contact (Milliohms MAX) 3.0	Torque (Inch Ounces) N/A	
Outer Contact (Milliohms MAX) 2.0	Weight (Grams) 4.8	
Cable To Hsg. (Milliohms MAX) 0.5	Hermetic Seal N/A	
RF High Potential (VRMS MIN @ 5 MHz) 670 @ Sea Level		
I.R. (Megohms Min) 10,000		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DATE: 6/17/68	TYCO Electronics	Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: INCHES		CHK: 6/19/68	OSM RIGHT ANGLE CABLE PLUG-CRIMP ATTACHMENT	
OTHER DIMENSIONS: MILLIMETERS		APP: 6/19/68	RESTRICTED TO	
MATERIAL: FINISH		PRODUCT SPEC: -	SIZE: A2	CAGE CODE: 00779
		APPLICATION SPEC: -	DRAWING NO: 1052071	SCALE: 2:1
		HEIGHT: -	SHEET: 1 of 1	
		CUSTOMER DRAWING	REV: B	

AMP 1471-9 REV 31MM2000

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