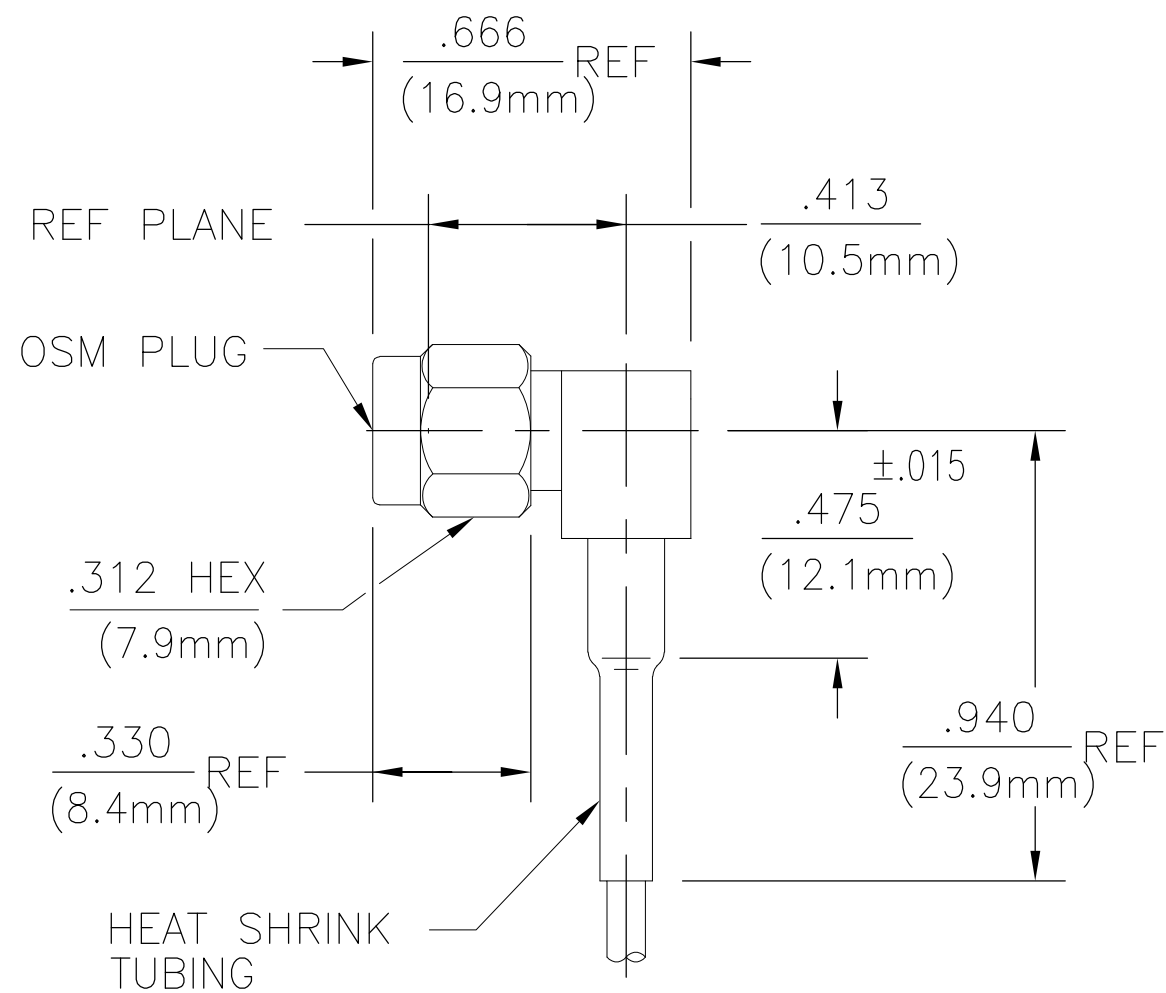


THIS DRAWING IS UNPUBLISHED.	RELEASED FOR PUBLICATION	- , -
© COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL INTERNATIONAL RIGHTS RESERVED.		

DESIGNED FOR USE WITH RG178/U CABLE		LOC AJ	DIST 00	REVISIONS						
				P	LTR	DESCRIPTION			DATE	DWN
CABLE ENTRY DIAMETER MINIMUM				B	REV PER ECO 07-004710			03-09-07	DW	KW
HOUSING .036				C	REVISED PER ECO-08-030676			02-25-09	AEG	JKO
CONTACT .025										



- 1 BRASS
- 2 STAINLESS STEEL
- 3 BERYLLIUM COPPER
- 4 PTFE
- 5 GOLD PLATE
- 6 PASSIVATED
- 7 SILICONE RUBBER
- 8 NICKEL PLATE
- 9 POLYOLEFIN COMPOUND
- 10 BRASS OR COPPER

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A,	TEMPERATURE RATING -65°C TO +165°C
Frequency Range (GHz) DC to 12.4	Fig. 310.1	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Recommended Mating	204, Condition D
@ Sea Level 170	Torque 7 to 10 In/Lbs	Shock MIL-STD-202, Method 213,
VSWR 1.25 + .025 f(GHz)	Force to Engage and	Condition I
Insertion Loss (db MAX) .07 √f(GHz)	Disengage (In/Lbs MAX) 2.0	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) -[60 -f(GHz)]	Center Contact Captivation	Method 107, Condition B,
	Axial (Lbs) 6.0	EXCEPT HIGH TEMP +85°C
	Radial (In/Oz) 4.0	Moisture Resistance MIL-STD-202,
Dielectric Withstanding Voltage	Cable Retention	Method 106, Except Vibration
(VRMS MIN) @ Sea Level 500	Axial Force (Lbs MIN) 20.0	Shall Be Omitted
Contact Resistance (Milliohms MAX)	Weight (Grams) 4.6	Corrosion - MIL-STD-202, Method
Center Contact 2.0		101, Condition B, 5% salt spray
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level		
(VRMS MIN @ 5 MHz) 335		
I.R.(Megohms MIN) 10,000		

9	105	18	18	35	4	3	7	18	1052098 −3	
9	105	26	26	35	4	3	7	26	1052098 −1	
SHRINK TUBE	FERRULE	HOUSING	CAP	CONTACT	DIELECTRIC	RETAINING RING	GASKET	COUPLING NUT	TE PN	
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN WK 7/1/77	Tyco Electronics Corporation Harrisburg, PA 17105−3608					
				CHK KWW 7/18/77						
DIMENSIONS: INCHES		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APVD −	NAME					
		0 PLC ± −		PRODUCT SPEC	OSM RIGHT ANGLE CABLE PLUG−CRIMP ATTACHMENT					
		1 PLC ± −		−						
		2 PLC ± −								
		3 PLC ± .005		APPLICATION SPEC						
		4 PLC ± −		−						
ANGLES ± 1°					SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO	
MATERIAL	FINISH			WEIGHT −	A2	00779	C−1052098		−	
−				−						
CUSTOMER DRAWING						SCALE 2:1		SHEET 1 of 1	REV C	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2037 5100 02](#)