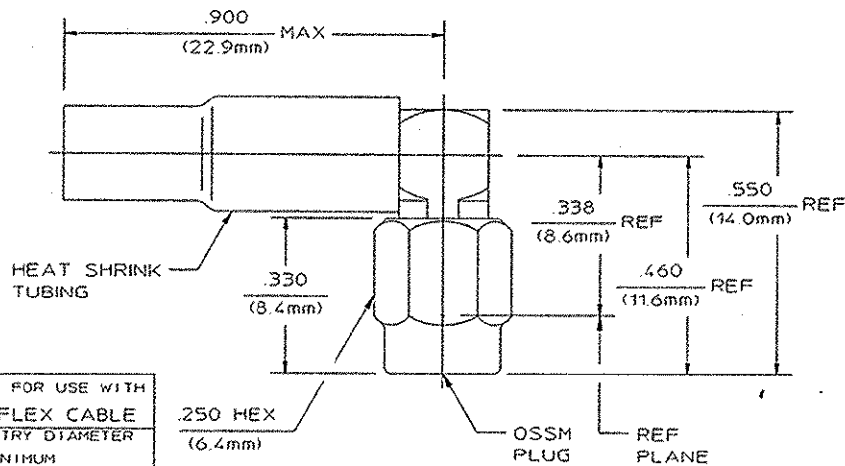


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	RELEASED	8/21/90	<i>CAS</i>
01	DELETE AND CHANGE ON ELECTRICAL, MECHANICAL & ENVIRONMENTAL CERTIFICATE SHRINK TUBING MIL-I-23053-4 WAS 23053-11 PER ECN 90-0943	CKM 10-31-90	BB 11-29-90
02	FERRULE FINISH WAS PASSIVATED, ECN 90-1137	CKM 12/18/90	BB 12/18/90



DESIGNED FOR USE WITH RG316 FLEX CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.061
CONTACT	.023
FERRULE	.125

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-328, Fig. 319.1	Temperature Rating -25°C to +165°C
Frequency Range (GHz) DC to 26	Recommended Mating Torque 7-8 In-Lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 250	Mating Characteristics: Insertion (MAX Lbs) N/A	Shock MIL-STD-202, Method 213, Condition 1
VSWR 1.10 ± .015	Withdrawal (MIN Oz) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp Shall Be 85°C
Insertion Loss (dB MAX) $0.4\sqrt{f}$	Force to Engage and Disengage (In/Lbs MAX) 2	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
RF Leakage (dB MIN) -(90-11GHz)	Center Contact Captivation: Axial (Lbs MIN) 4	No Measurements At High Humidity
Corona, 20,000 Ft (VRMS MIN) 190	Radial (In/Oz) N/A	IR, 200 Megohms Within 5 Min
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Cable Retention: Axial Force (Lbs) 20	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX): Center Contact 4, Outer Contact 2	Torque (In/Oz) 16(MIN)	
Cable to Housing 0.5	Weight (Grams) T.B.D.	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500		
IR (Megohms MIN) 5000		

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457, MIL-P-19468, AND FED. SPEC L-P-403	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM-B194	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	SOFT COPPER ALLOY	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED BY: <b>B. MEDWARDS</b> 8/7/90	DATE: 8/7/90
TOLERANCE ON: FRACTION DECIMAL ANGLES	CHECKED BY: <b>BB</b> 8/9/90	DATE: 8/9/90
± 1/64 ± .005 ± .1°	APPROVED BY: <i>CAS</i> 8/21/90	DATE: 8/21/90
USE ASSY PROCEDURE	TITLE: OSSM RIGHT ANGLE CABLE PLUG - CRIMP ATTACHMENT	
NO. AP. 10-056	SIZE B	CODE DEPT NO 26805
	SCALE 4:1	1037-5032-92
		REV 02
		SHEET 1 OF 1

CUSTOMER: *TYCO PART # 1045517*  
 SHEET 1 of 1 REV B