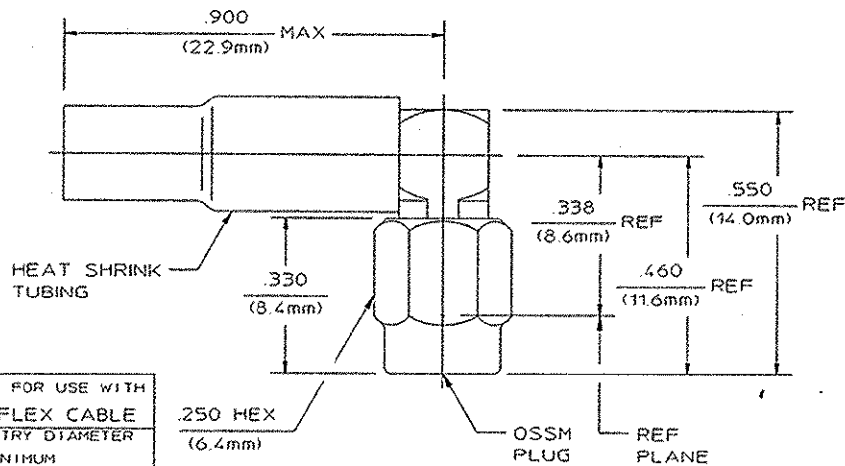


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	RELEASED	8/21/90	<i>CAS</i>
01	DELETE AND CHANGE ON ELECTRICAL, MECHANICAL & ENVIRONMENTAL CERTIFICATE SHRINK TUBING MIL-I-23053-4 WAS 23053-11 PER ECN 90-0943	CKM 10-31-90	BB 11-29-90
02	FERRULE FINISH WAS PASSIVATED, ECN 90-1137	CKM 12/18/90	BB 12/18/90



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 DECISIONS ARE IN INCHES														
<table border="1"> <tr> <td>DESIGNED BY</td> <td>B. MEDWARDS</td> <td>DATE</td> <td>8/7/90</td> </tr> <tr> <td>CHECKED BY</td> <td>BB</td> <td>DATE</td> <td>8/9/90</td> </tr> <tr> <td>APPROVED BY</td> <td><i>CAS</i></td> <td>DATE</td> <td>8/21/90</td> </tr> </table>			DESIGNED BY	B. MEDWARDS	DATE	8/7/90	CHECKED BY	BB	DATE	8/9/90	APPROVED BY	<i>CAS</i>	DATE	8/21/90
DESIGNED BY	B. MEDWARDS	DATE	8/7/90											
CHECKED BY	BB	DATE	8/9/90											
APPROVED BY	<i>CAS</i>	DATE	8/21/90											
<table border="1"> <tr> <td>FRAC</td> <td>DEC</td> <td>ANGLES</td> </tr> <tr> <td>+ 1/64</td> <td>+ .005</td> <td>+ 1°</td> </tr> </table>			FRAC	DEC	ANGLES	+ 1/64	+ .005	+ 1°						
FRAC	DEC	ANGLES												
+ 1/64	+ .005	+ 1°												
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF AMP. SPECING INCORPORATED AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.														
<table border="1"> <tr> <td>USE ASSY PROCEDURE</td> <td colspan="2">TITLE</td> </tr> <tr> <td></td> <td colspan="2">OSSM RIGHT ANGLE CABLE PLUG - CRIMP ATTACHMENT</td> </tr> <tr> <td>NO. AP. 10-056</td> <td>SCALE</td> <td>SHEET 1 OF 1</td> </tr> <tr> <td></td> <td>4:1</td> <td></td> </tr> </table>			USE ASSY PROCEDURE	TITLE			OSSM RIGHT ANGLE CABLE PLUG - CRIMP ATTACHMENT		NO. AP. 10-056	SCALE	SHEET 1 OF 1		4:1	
USE ASSY PROCEDURE	TITLE													
	OSSM RIGHT ANGLE CABLE PLUG - CRIMP ATTACHMENT													
NO. AP. 10-056	SCALE	SHEET 1 OF 1												
	4:1													
<table border="1"> <tr> <td>SIC B</td> <td>CODE DEPT NO 26805</td> <td>1037-5032-92</td> <td>REV 02</td> </tr> </table>			SIC B	CODE DEPT NO 26805	1037-5032-92	REV 02								
SIC B	CODE DEPT NO 26805	1037-5032-92	REV 02											

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