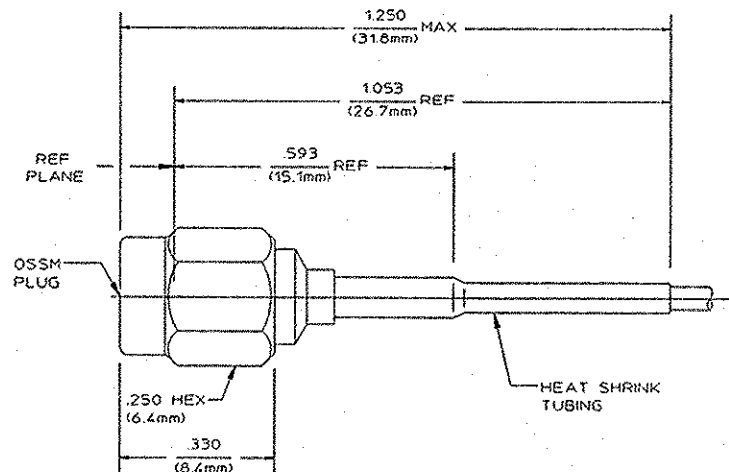


DESIGNED FOR USE WITH	
RG-178, 196/U FLEX CABLE	
CABLE ENTRY DIAMETER	
MINIMUM	
HOUSING	.038
CONTACT	.015

REV		DESCRIPTION	DATE	APPROVED
--	REVISED		2/3/94	BB



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-345A, Fig. 319-1	Temperature Rating -65°C to +105°C
Frequency Range (GHz) DC to MAX	Recommended Mating Torque 4 to 5 in/Lbs	Vibration MIL-STD-202, Method 204, Condition D
Operating Frequency of the Applicable Cable, PER MIL-C-17	Mating Characteristics: Insertion (MAX Lbs) 3.0	Shock MIL-STD-202, Method 213, Condition I
Volt Rating (VRMS MAX) @ Sea Level 250	Withdrawal (MIN Oz) 1.0	Thermal Shock MIL-STD-202, Method 107, Condition C
VSWR 1.07 +0.01/-0.02	Force to Engage and Disengage (in/Lbs MAX) 2.0	Except High Temp +200°C, When Used with +200°C Cable PER MIL-C-17
Insertion Loss (dB MAX) 0.2 @ 1GHz	Center Contact Captivation: Axial (Lbs) N/A	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
RF Leakage (dB MIN) -160 @ 1GHz	Radiat (in/Oz) N/A	Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) 190	Cable Retention: Axial Force (Lbs) 10	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Torque (in/Oz) N/A	
Contact Resistance (Milliohms MAX): Center Contact 4.0, Outer Contact 2.0	Weight (Grams) 1.8	
Cable to Housing 5.0		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500		
IR (Megohms MIN) 5000		

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM-B194, 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	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 TOLERANCE ON FRAC DEC ANGLES + .004 + .005 + .1° THese drawings and specifications are the property of M/A-COM. Specifications 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. NO. AP-10-002		
DRAWN BY: D.N. DATE: 1/13/72 CHECKED BY: RMF. DATE: 1/19/72 APPROVED BY: PRB DATE: 1/19/72 USE ASSY PROCEDURE M/A-COM Interconnect Division, Waltham, Massachusetts 02254		
TITLE OSSM STRAIGHT CABLE PLUG-SOLDER ATTACHMENT SIZE: B CODE: 26805 1031-5001-02 REV: 01 SCALE: 2:1 SHEET 1 OF 1		

CUSTOMER

TYCO PART # 1045477

SHEET 1 of 1 REV 0