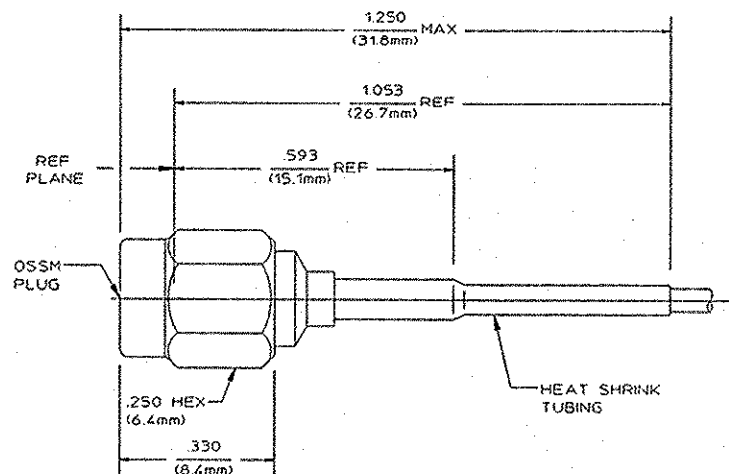


DESIGNED FOR USE WITH	
RG-178, 196/U FLEX CABLE	
CABLE ENTRY DIAMETER	
MINIMUM	
HOUSING	.038
CONTACT	.015

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 +0.015/-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, Cable to Housing 5.0	Weight (Grams) 1.8	
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° DRAWN BY: D.N. DATE: 1/13/72 CHECKED BY: RMF. DATE: 1/19/72 APPROVED BY: PRB DATE: 1/19/72 M/A-COM INTERCONNECT DIVISION M/A-COM Interconnect Division Waltham, Massachusetts 02254		
USE ASSY PROCEDURE NO. AP-10-002 TITLE OSSM STRAIGHT CABLE PLUG-SOLDER ATTACHMENT SIZE B CODE DENT NO 26805 1031-5001-02 REV 01 SCALE 4:1 SHEET 1 OF 1		

CUSTOMER

TYPE PART # 1045477

SHEET 1 of 1 REV 0