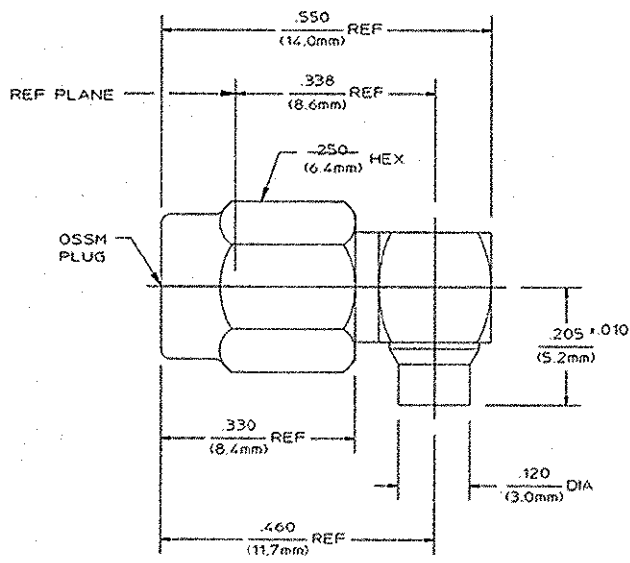


DESIGNED FOR USE WITH .085 DIA SR CABLE	REVISIONS		
	REV	DESCRIPTION	DATE
	012	REVISED	6/10/94
CABLE ENTRY DIAMETER MINIMUM			
HOUSING	.0875		
CONTACT	.023		



COPY AT M/A-COM PUERTO RICO

HOUSING CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
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 B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A	Temperature Rating -55°C to +165°C
Frequency Range (GHz) DC TO 26	FIG. 319.1	Vibration - MIL-STD-202, Method 204, Condition D
Volt Rating @ Sea Level (VRMS) 250	Recommended Mating	Shock - MIL-STD-202, Method 213, Condition 1
@ 70,000 Feet (VRMS) 60	Torque (In-Lbs) 7-8	Thermal shock MIL-STD-202, Method 107 Test Condition B
VSWR 1.15 ± .015 (1GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	Except High Temp +85°C
Insertion Loss .04 √fGHz	Center Contact Captivation	Moisture Resistance - MIL-STD-202, Method 106
RF Leakage -(-60 - 1GHz) dB MAX	Axial (Lbs MIN) N/A	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft. (VRMS MIN) 190	Radial(In-Oz MIN) N/A	
Dielectric Withstanding Voltage (VRMS) 750	Coupling Nut Retention	
Contact Resistance (Milliohms MAX)	Torque (In-Lbs MIN) 60	
Center Contact 4.0	Cable Retention	
Outer Contact 2.0	Axial Force (Lbs) 30 MIN	
Cable To Housing (Milliohms MAX) 0.5	Torque (In-Oz) 16 MIN	
RF High Potential (VRMS MIN @ 5 MHz) 500	Weight (Grams) TBD	
IR (Megohms) 5000		

COMPONENT	MATERIAL	FINISH
HOUSING CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
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 B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DATE	BY
FRAC DEC ANGLES	9/23/75	RMF
± .104 ± .005 ± .1°	9/23/85	RMF
	9/24/75	BDC

M/A-COM INTERCONNECT DIVISION	
Waltham, Massachusetts 02254	
TITLE	
OSSM RIGHT ANGLE CABLE PLUG DIRECT SOLDER ATTACHMENT	
SIZE B	CODE IDENT NO 26805
1007-7985-02	REV 01
SCALE 5:1	SHEET 1 OF 1

CUSTOMER

Tyco PART # 1045423
SHEET 1 of 1 REV 0