



DESIGNED FOR USE WITH		.085 SR CABLE	
CABLE ENTRY DIAMETER MINIMUM		.673	
HOUSING	.089	B	PER EC 0U20-0692-00
CONTACT	.024		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₄	REVISED	1/24/97	[Signature]
B	PER EC 0U20-0692-00	9/24/01	C. Hoang 9/24/01

COMPONENT	MATERIAL	FINISH
HOUSING	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 QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM-B-16, HALF HARD	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, Fig. 304.1	Temperature Rating -65°C TO +125°C
Frequency Range (GHz) DC to 18	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 599	Torque 12 - 15 LBS	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.06 + .007 fGHz	Force to Engage and Disengage (In/Lbs MAX) 6.0	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 200°C
Insertion Loss (dB MAX) .05 √ fGHz	Cable Retention	Moisture Resistance MIL-STD-202, Method 106, Except Step 7b (Vibration) Shall Be Omitted
RF Leakage (dB MIN) -(90 -f(GHz))	Axial Force (Lbs) 60	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 500	Torque (In/Oz) 55	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 2500	Weight (Grams)	
Contact Resistance (Milliohms MAX)		
Center Contact 1.5		
Outer Contact 2.0		
Cable to Housing 2.0		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1500		
I.R.(Megohms MIN) 10,000		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY PRB DATE 6/15/67		AMP Incorporated	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY BWC DATE 7/3/67		140 Fourth Avenue Waltham, MA 02451-7599	
	APP'D BY GH DATE 7/3/67			
These drawings and specifications are the property of M/A-COM Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.	USE ASS'Y PROCEDURE	TITLE OSN STRAIGHT PLUG DIRECT SOLDER ATTACHMENT		
	408-04914 (30-002)	SIZE B	CODE IDENT NO. 26805	3001-7985-00
	NO. AP.	SCALE 4:1		REV 02 ₄
				SHEET 1 OF 1