



Ø.033 (3 PLCS
EQ SPACED)

DESIGNED FOR USE WITH .141 SEMI-RIGID	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.142
CONTACT	.036

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₁	REVISED	<i>Rdy</i> 1/22/98	<i>Rdy</i>
B	PER EC 0U20-0694-00	10/4/01	<i>C. Hoang</i> 10/4/01

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	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
CENTER CONTACT	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 313-1	Temperature Rating <u>-65°C TO 125°C</u>
Frequency Range (GHz) DC to <u>12.4</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX) @ Sea Level <u>1.35</u>	Torque <u>4-6 IN/LBS</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.07±.007 3(FGHz): 1</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 115°C
Insertion Loss (dB MAX) <u>.04 √f(GHz)</u>	Insertion (MAX Lbs) <u>5.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-100</u>	Withdrawal (MIN Oz) <u>?</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1500</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0</u>	
Center Contact <u>2.0</u>	Radial (In-Oz) <u>N/A</u>	
Outer Contact <u>2.0</u>	Cable Retention	
Cable to Housing <u>0.5</u>	Axial Force (Lbs) <u>60</u>	
RF High Potential @ Sea Level	Torque (In-Oz) <u>15</u>	
(VRMS MIN @ 5 MHz) <u>1000</u>	Weight (Grams) <u>TBD</u>	
LR.(Megohms MIN) <u>5000</u>		

.XXX = in
XX.X = mm (REF)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY S.D.		DATE 5/6/77	
FRAC. DEC. ANGLES ± 1/32 ±.010 ± 5°		CHECKED BY K.W.W.		5/9/77	
		APP'D BY R.M.F.		5/9/77	
These drawings and specifications are the property of M/A COM Interconnect Div. 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 TNC STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT	
NO. AP. <u>N/A</u>		SIZE B	CODE IDENT NO. 26805	3101-5085-31	REV 02 ₁
SCALE 3:1		SHEET 1 OF 1			

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