



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

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

0.033 (3 PLCS
EQ SPACED)

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		 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC ± 1/32	DEC. ±.010	ANGLES ± 5°	CHECKED BY K.W.W. DATE 5/9/77	
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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
		SCALE 3:1	REV 02 ₁	
			SHEET 1 OF 1	

CUSTOMER DRAWING

AMP PART # 1060838-1
SHEET 1 OF 1 REV B