


DESIGNED FOR USE WITH	.141 SR CABLE
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.144 (3.66)
CONTACT	.037 (0.94)

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
05 ₁	SEE GEN ECN 80-0084	T.M.C. 3-11-82	3-11-82
05 ₂	UPDATED AND REDRAWN IN CAD PER ECN 88-0678, ADDED ELECTRICAL MECHANICAL AND ENV. SPEC BLOCK PER ECN 90-0493	M.C. 4-24-91	<i>W.P.S.</i> 4-24-91
05 ₃	SEE ECN 92-0289	<i>Q.P.M.</i> 5/15/92	<i>W.P.S.</i> 5/15/92
B	PER EC 0U20-0692-00	9/21/01	<i>C. Hoang</i> 9/21/01

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
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
RETAINING RING	PHOSPHOR BRONZE PER QQ-B-750, GRADE B2	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 304.1	Temperature Rating -65°C TO +105°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque 12-15 LBS	Vibration MIL-STD-1344, Method 2005, Condition IV, 30g Peak.
Volt Rating (VRMS MAX) @ Sea Level 500	Force to Engage and Disengage (In/Lbs MAX) 6.0	Shock MIL-STD-1344, Method 2004, Condition G
VSWR 1.06 + .007 f(GHz)	Cable Retention Axial Force (Lbs) 60	Thermal Shock MIL-STD-1344, Method 1003, Condition A, Except High Temp 115°C
Insertion Loss (dB MAX) .05 V(fGHz)	Torque (In/Oz) 55	Humidity MIL-STD-1344, Method 1002.
RF Leakage (dB MIN) -90 @ 2-3 GHz	Weight (Grams) 20.6	No measurements at high humidity.
Carona, 70,000 Ft (VRMS MIN) 375		Insulation resistance shall be at least 200 megohms within 5 minutes after removal from humidity.
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,500		
Contact Resistance (Milliohms MAX)		
Center Contact 15		
Outer Contact 2.0		
Cable to Housing 2.0		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1,000		
IR (Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
TOLERANCE ON		
FRAC.	DEC.	ANGLES
+ 1/64	± .005	± °
DRAWN BY DRB DATE 6-15-67		
CHECKED BY EDT DATE 7-19-67		
APP'D BY D.NANIA DATE 9-25-67		
 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
USE ASSY PROCEDURE 408-04915 (30-001) NO. AP.		
TITLE TYPE N STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT		
SIZE B	CODE IDENT NO. 26805	3001-7941-00
SCALE 4:1		REV 05 ₃
SHEET 1 OF 1		

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

CUSTOMER DRAWING AMP PART # 1057088-1 SHEET 1 OF 1 REV B