



DESIGNED FOR USE WITH .141 DIA S/R CABLE	
CABLE ENTRY DIAMETER MINIMUM	.037
CONTACT	.143
HOUSING	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	RELEASED	9/18/92	<i>M.A.</i>
C	REVISED PER 0U20-0176-01	G.V. 8/14/02	

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	CARBON SPRING STEEL	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY <i>B.A. Edwards</i>	DATE 6/24/92	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	CHECKED BY		
These drawings and specifications are the property of Inni Spectra 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 DSM STRAIGHT CABLE PLUG RETRACTABLE COUPLING NUT DIRECT SOLDER ATTACHMENT	
	408-04708 (20-492)	NO. A.P.	SIZE B	CODE IDENT NO. 26805
	SCALE 8:1		2001-7541-00	REV 01

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	TEMPERATURE RATING -65°C TO +125°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque 7-10 In-Lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 500	Mating Characteristics: Insertion (MAX Lbs) N/A	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05+.005f(GHz)	Withdrawal (MIN Oz) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) .03 √f(GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	EXCEPT HIGH TEMP SHALL BE +115°C
RF Leakage (dB MIN) -[90-f(GHz)]	Center Contact Captivation Axial (Lbs) N/A	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) 375	Radial (In-Oz) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1500	Cable Retention Axial Force (Lbs) 60 MIN	
Contact Resistance (Milliohms MAX) Center Contact 2.0	Torque (In-Oz) 55 MIN	
Outer Contact 2.0	Weight (Grams) TBD	
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1000		
I.R.(Megohms MIN) 10000		

CUSTOMER DRAWING

AMP PART # 1050729-1
SHEET 1 OF 1 REV C