



DESIGNED FOR USE WITH .141 DIA S.R. CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.143
CONTACT	.038

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₁	RELEASED	3/11/99	TWag

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig 310.2	Temperature Rating <u>-65°C to +105°C</u>
Frequency Range (GHz) DC to <u>18</u>	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Insertion (MAX Lbs) <u>3</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05±.01 f(GHz)</u>	Withdrawal (MIN Oz) <u>1</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) <u>.03x √f(GHz)</u>	Force to Engage & Disengage (In-Lbs MAX) <u>2</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-[90-f(GHz)]</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Axial (Lbs) <u>6.0</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1500</u>	Cable Retention	
Contact Resistance (Milliohms MAX)	Axial Force (Lbs MIN) <u>60</u>	
Center Contact <u>3.0</u>	Torque (In-Oz MIN) <u>55</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>TBD</u>	
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1000</u>		
I.R.(Megohms MIN) <u>5000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY TIM WAGNER	DATE 12/16/98	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY		
These drawings and specifications are the property of AMP 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 OSM STRAIGHT CABLE JACK - DIRECT SOLDER ATTACHMENT CAPTURED CENTER CONTACT	
	408-04857 NO. AP. (20-709)		SIZE B	CODE IDENT NO. 26805
			2002-5155-00	REV 01 ₁
SCALE 5:1			SHEET 1 OF 1	

CUSTOMER DRAWING

AMP PART # 1329599-1
SHEET 1 OF 1 REV A