



DESIGNED FOR USE WITH RG-142/U	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.121
DIELECTRIC	.122
CONTACT	.040

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	11/5/96	<i>RAC</i>

ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) DC to <u>12.4</u>
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>
VSWR <u>1.15 + 0.01f(GHz)</u>
Insertion Loss (dB MAX) <u>.06 √f(GHz)</u>
RF Leakage (dB MIN) <u>-60</u>
Corona, 70,000 Ft (VRMS MIN) <u>250</u>
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u> Outer Contact <u>2.0</u> Cable to Housing <u>0.5</u>
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>
LR.(Megohms MIN) <u>5,000</u>

MECHANICAL
Interface Dimensions MIL-STD-348A, Fig. <u>310-2</u>
Recommended Mating Torque <u>7-10 IN-LBS</u>
Mating Characteristics: Insertion (MAX Lbs) <u>3</u> Withdrawal (MIN Oz) <u>1</u>
Force to Engage and Disengage (In-Lbs MAX) <u>2</u>
Center Contact Captivation Axial (Lbs) <u>6</u> Radial (In-Oz) <u>N/A</u>
Cable Retention Axial Force (Lbs) <u>45</u> Torque (In-Oz) <u>N/A</u>
Weight (Grams) <u>TBD</u>

ENVIRONMENTAL
Temperature Rating <u>-65 TO +165°C</u>
Vibration MIL-STD-202, Method <u>204, Condition D</u>
Shock MIL-STD-202, Method 213, Condition I
Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
Moisture Resistance MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method <u>101, Condition B, 5% salt spray</u>
<u>.XXX = in</u> <u>XX.X = mm (REF)</u>

COMPONENT	MATERIAL	FINISH
HOUSING	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	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY K. LE	DATE 9-16-96	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY		
FRAC. ± 1/64	DEC. ± .005	ANGLES ± 1°	AMP
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 ASSY PROCEDURE 408-04928 (20-529) NO. A.P.	TITLE "OSM" STRAIGHT CABLE JACK-CRIMP ATTACHMENT
SIZE B	CODE IDENT NO. 26805	2032-8052-92	REV 01 ₀
SCALE 6:1	SHEET 1 OF 1		