



DESIGNED FOR USE WITH RG-141	REVISIONS		
CABLE ENTRY DIAMETER MINIMUM	REV	DESCRIPTION	DATE
CONTACT	01	SEE ECN 80-0084	GB 02-18-80
DIELECTRIC			TS 02-19-80
COLLAR			
CLAMP NUT			

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310-2	Temperature Rating -65°C-165°C
Frequency Range (GHz) DC to 12.4	Recommended Mating Torque 7-10 in lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) Sea Level 335	Mating Characteristics: Insertion (MAX Lbs) 2.0	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.5:0.1GHz	Withdrawal (MIN Oz) 1.0	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .06/√(GHz)	Force to Engage and Disengage (in-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -60	Center Contact Captivation Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) 250	Radial (in-Oz) N/A	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1,000	Cable Retention Axial Force (Lbs) 40	
Contact Resistance (Milliohms MAX) Center Contact 3.0	Torque (in-Oz) N/A	
Outer Contact 2.0	Weight (Grams) TBD	
Cable to Housing .05		
RF High Potential Sea Level (VRMS MIN) 5 MHz 670		
IR (Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
HOUSING CLAMP NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
COLLAR	BRASS PER ASTM-B-16 HALF HARD	GOLD PLATE PER MIL-G-45204
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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY BWC	DATE 7-6-67	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES	CHECKED BY PRB	7-8-67	
1/64 .005 * °	APPD BY RMP	7-8-67	
USE ASSY PROCEDURE	NO. AP. 20-075 (408-4906)		TITLE "OSM" STRAIGHT CABLE JACK-CLAMP ATTACHMENT SIZE B CODE IDENT NO. 26805 SCALE 2002-7141-02 SHEET 1 OF 1

CUSTOMER DRAWING AMP PART # 1050901-1 SHEET 1 OF 1 REV A