



DESIGNED FOR USE WITH RG196/U OR EQUIVALENT	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.101
SLEEVE	.037
DIELECTRIC	.021
CONTACT	.021

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
022	REVISED	9/10/96	RAC

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.2	Temperature Rating -65°C to +165°C
Frequency Range (GHz) DC to 12	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level 170	Torque 7-10	Shock MIL-STD-202, Method 213, Condition I.
VSWR 1.20 +.025	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) .06 √f(GHz)	Insertion (MAX Lbs) 3.0	Except High Temp +85°C.
RF Leakage (dB MIN) -[60-f(GHz)]	Withdrawal (MIN Oz) 1.0	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) 125	Force to Engage and Disengage (In-Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 500	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0	
Center Contact 3.0	Radial (In-Oz) N/A	
Outer Contact 2.0	Cable Retention	
Cable to Housing .05	Axial Force (Lbs MIN) 10	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 335	Torque (In-Oz) N/A	
IR.(Megohms MIN) 5,000	Weight (Grams) TBD	

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
CLAMP NUT		
INNER SLEEVE		
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
O-RING	SILICONE RUBBER PER ZZ-R-765	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		
DRAWN BY SP DATE 8/22/77 CHECKED BY RBG 8/25/77 APPD BY RMF 8/29/77		
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USE ASS'Y PROCEDURE 408-04806 NO. AP. (20-059)		
AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
TITLE OSM STRAIGHT CABLE JACK CRIMP ATTACHMENT		
SIZE B	CODE IDENT NO. 26805	2032-5026-02
SCALE 3 : 1	REV 022	
SHEET 1 OF 1		

CUSTOMER DRAWING

AMP PART # 1051869-1
SHEET 1 OF 1 REV A

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