



DESIGNED FOR USE WITH RG55/U. 142, 223, 400 CABLE ENTRY DIAMETER MINIMUM	REV	DESCRIPTION	DATE	APPROVED
	03	REVISED PER ECN 95-0115	3/15/95	<i>M.A.</i>
CONTACT		.040		
SLEEVE		.119		
DIELECTRIC		.040		

REVISIONS				
REV	DESCRIPTION	DATE	APPROVED	
03	REVISED PER ECN 95-0115	3/15/95	<i>M.A.</i>	

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A Fig. 310-1	Temperature Rating -65°C *
Frequency Range (GHz) <u>0 *</u>	Recommended Mating Torque <u>7-10 IN-Lbs</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) <u>335</u>	Mating Characteristics: Insertion (MAX Lbs) <u>3.0</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.15 ±.01(f GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Thermal Cycling MIL-STD-202, Method 107, Condition B Except High Temp Shall Be 85°C (High Temp Shall Be 200°C When Used With 200°C Cables Per MIL-C-17)
Insertion Loss (dB MAX) <u>.06(f GHz)</u>	Connector Engagement and Disengagement (In-Lbs MAX) <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB) <u>-60</u>	Center Contact Captivation: Axial <u>6.0</u>	Corrosion MIL-STD-202, Method 101, Condition B
Corona, 70 Ft (VRMS MIN) <u>250</u>	Radial <u>N/A</u>	* SEE MIL-C-17 FOR MAX RATINGS FOR APPLICABLE CABLE.
Dielectric Withstanding Voltage (VRMS MIN) <u>1,000</u>	Cable Retention Axial Lbs <u>40 Min</u>	
Contact Resistance (Milliohms MAX)	Torque <u>N/A</u>	
Center Contact <u>3.0</u>	Weight (Grams) <u>5.0</u>	
Outer Contact <u>2.0</u>	Hermetic Seal <u>N/A</u>	
Cable To Housing (Milliohms Max) <u>0.5</u>		
RF High Potential (VRMS MIN @ 5 MHz) <u>670</u>		
I.R. (Megohms) <u>5,000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CLAMP NUT SLEEVE	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATED PER QQ-P-35
DIELECTRIC	NYLON	N/A
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-2305374	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC DEC ANGLES ±.1/64 ±.005 ±.1°	DATE 10-15-76 DRAWN BY DRP CHECKED BY RBT 4-07-77 APPROVED BY RMP 4-07-77	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
USE ASSY PROCEDURE 408-04814 NO. A.P. (20-050)	TITLE OSM STRAIGHT CABLE PLUG CRIMP ATTACHMENT	
SIZE B	CODE IDENT NO. 26805	2031-5011-02
SCALE 5:1		REV 03

CUSTOMER DRAWING AMP PART # 1051661-1
SHEET 1 OF 1 REV A