



DESIGNED FOR USE WITH	RG188/U FLEXIBLE CABLE
CABLE ENTRY DIAMETER MINIMUM	.012
CONTACT	.0234
DIELECTRIC	.066
COLLAR	.0656
CLAMP NUT	.1124

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₂	REDRAWN NO CHANGE PER ECN 80-4092	M.B. 8-19-85	RR 9-4-85
01 ₃	REVISED PER ECN 92-0010	MMA 07/16/92	JB 07/17/92

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	Temperature Rating -65°C To +165°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque 7-10 In-Lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) Sea Level 250	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.15 + .02 f(GHz)	Insertion (MAX Lbs) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 85°C
Insertion Loss (dB MAX) .06 √f GHz	Withdrawal (MIN Oz) N/A	Moisture Resistance MIL-STD-202, Method 106 Step 7b (Vibration) Shall Be Omitted
RF Leakage (dB MIN) -[60-f(GHz)]	Force to Engage and Disengage (In-Lbs MAX) 2	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 190	Center Contact Captivation Axial (Lbs) 6 Min	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 750	Radial (In-Oz) N/A	
Contact Resistance (Milliohms MAX)	Cable Retention Axial Force (Lbs) 20 MIN	
Center Contact 3.0	Torque (In-Oz) N/A	
Outer Contact 2.0	Weight (Grams) TBD	
Cable to Housing 0.5		
RF High Potential Sea Level (VRMS MIN) 5 MHz 500		
IR (Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CLAMP NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
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 OVER COPPER PLATE PER MIL-C-14550
COLLAR	BRASS PER QQ-B-626 COMP. 360, HALF HARD	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY BWC	DATE 6-2-67	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
TOLERANCE ON	CHECKED BY	8/9/67	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	APPROVED BY DJ	8/10/67	
USE ASSY PROCEDURE	TITLE OSM STRAIGHT CABLE PLUG CLAMP ATTACHMENT		
408-04906 NO. AP. (20-075)	SIZE B	CODE IDENT NO. 26805	REV 01 ₃
	SCALE 5:1	2001-7188-00	SHEET 1 OF 1

CUSTOMER DRAWING AMP PART # 1050720-1 SHEET 1 OF 1 REV A