



DESIGNED FOR USE WITH RG-214/U, RG-225/U & RG-393/U	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.095
COLLAR	.291
WASHER	.447
WEDGE	.457
CLAMP NUT	.437

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>1</sub>	AP # WAS 267 PER ECN 89-0411	M.Y. 4-17-89	CW
02 <sub>0</sub>	ECN 92-0010 AND ECN 92-0110-1 (1 OF 4)	<i>MD</i> 04-16-92	<i>BB</i> 5/13/92
B	PER EC 0U20-0116-01-02	10/29/01	<i>C. Hoang</i>

COMPONENT	MATERIAL	FINISH
HOUSING CLAMP NUT COUPLING NUT	BRASS PER QQ-B-626 COMP. 360, HALF HARD	NICKEL PLATE PER QQ-N-290 OVER COPPER STRIKE
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
COLLAR WASHER WEDGE	BRASS PER QQ-B-626 COMP. 360, HALF HARD	GOLD PLATE PER MIL-G45204 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, COND H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-675	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>N/A</u>	Temperature Rating <u>-65°C to 165°C</u>
Frequency Range (GHz) DC to <u>15.0</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition B.
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Torque <u>12 - 15 in-lbs</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>1.07 ±.007 f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp shall be 200°C
Insertion Loss (dB MAX) <u>.06 √f(GHz)</u>	Center Contact Captivation	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-[90-f(GHz)]</u>	Axial (Lbs) <u>6.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Radial (In-Oz) <u>N/A</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u>	Cable Retention	
Contact Resistance (Milliohms MAX)	Axial Force (Lbs) <u>40.0</u>	
Center Contact <u>.15</u>	Torque (In-Oz) <u>N/A</u>	
Outer Contact <u>.2</u>	Coupling Nut Retention (lbs-MIN) <u>100</u>	
Cable to Housing <u>.1</u>	Coupling nut Proof Torque (in-lbs MIN) <u>30.0</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>	Weight (Grams) <u>TBD</u>	
I.R.(Megohms MIN) <u>10,000</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY <b>RBG</b> DATE 10/27/76		<b>AMP Incorporated</b> 140 Fourth Avenue Waltham, MA 02451-7599	
	CHECKED BY <b>ECA</b> DATE 11-02-76		TITLE <b>OST STRAIGHT CABLE          PLUG CLAMP ATTACHMENT</b>	
	APPROVED BY <b>RMF</b> DATE 11-03-76		NO. AP. <u>31-036</u> USE ASS'Y PROCEDURE 408-04716	SIZE <b>B</b> CODE IDENT NO. <b>26805</b> 3101-7214-10 REV <b>02<sub>0</sub></b>
		SCALE <b>2 : 1</b>	SHEET <b>1 OF 1</b>	

CUSTOMER DRAWING

AMP PART # 1057616-1  
SHEET 1 OF 1 REV B