



DESIGNED FOR USE WITH RG-142/U, 55, 223, 400 CABLES	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.122
FERRULE	.216
CONTACT	.042

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
--	REVISED	6/15/93	BB

COMPONENT	MATERIAL	FINISH
HOUSING FLAT WASHER SPRING BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
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
CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
CONTACT RING SHIM	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	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	NICKEL PLATE PER QQ-N-290 OVER COPPER PLATE PER MIL-C-14550
SPRING WASHER	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	NICKEL PLATE PER QQ-N-290
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 OVER COPPER PLATE PER MIL-C-14550

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions PER OMNI SPECTRA CATALOG	Temperature Rating -65° to +125°C
Frequency Range (GHz) DC to 18	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Insertion (MAX Lbs) 3	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.15+.01F(GHz)	Withdrawal (MIN Oz) 1	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .03x√f(GHz)	Force to Engage (In-Lbs MAX) 3 & Disengage (In-Lbs MAX) 15	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(90-f(GHz))	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) 250	Axial (Lbs) 6	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Cable Retention	
Contact Resistance (Milliohms MAX)	Axial Force (Lbs MIN) 30	
Center Contact 2.0	Weight (Grams) TBD	
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
LR.(Megohms MIN) 5000		

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCE ON

FRAC.	DEC.	ANGLES
± 1/64	±.005	± °

DRAWN BY T.MCW DATE 11-24-82
CHECKED BY RG DATE 11-29-82
APPD BY RMF DATE 12-2-82

USE ASS'Y PROCEDURE
408-08267
NO. AP. (45-014)

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE OSP FLOATING 2 HOLE FLANGE
MOUNT CABLE JACK - CRIMP
ATTACHMENT

SIZE B	CODE IDENT NO. 26805	4536-7341-02	REV 043
SCALE 2:1			SHEET 1 OF 1

Mouser Electronics

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