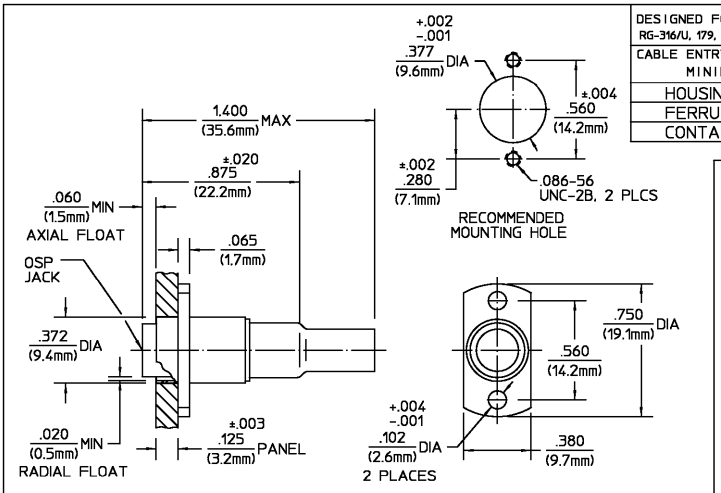

DESIGNED FOR USE WITH RG-316/U, 179, 187, 188 CABLES	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.067
FERRULE	.125
CONTACT	.023

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
04_2	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	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC to 18
Volt Rating (VRMS MAX)	
@ Sea Level	250
VSWR	1.15+.01F(GHz)
Insertion Loss (dB MAX)	$.03D\sqrt{f(GHz)}$
RF Leakage (dB MIN) (Interface Only, Fully Mated)	-(90-f(GHz))
Corona, 70,000 Ft (VRMS MIN)	190
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	750
Contact Resistance (Milliohms MAX)	
Center Contact	2.0
Outer Contact	2.0
Cable to Housing	0.5
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	500
I.R.(Megohms MIN)	5000

MECHANICAL	
Interface Dimensions	PER OMNI SPECTRA CATALOG
Mating Characteristics:	
Insertion (MAX Lbs)	3
Withdrawal (MIN Oz)	1
Force to Engage (In/Lbs MAX) & Disengage (In/Lbs MAX)	3 1.5
Center Contact Captivation	
Axial (Lbs)	6
Cable Retention	
Axial Force (Lbs MIN)	20
Weight (Grams)	TBD

ENVIRONMENTAL
Temperature Rating -65° to +125°C
Vibration MIL-STD-202, Method 204, Condition D
Shock MIL-STD-202, Method 213, Condition I
Thermal Shock MIL-STD-202, Method 107, Condition B
Moisture Resistance MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method 101, Condition B

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCE ON
FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY T.McW DATE 11-24-82
CHECKED BY RG 11-29-82
APPD BY RMF 12-1-82

USE ASS'Y PROCEDURE
408-08266
NO. A.P. (45-013)

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

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

SIZE	CODE IDENT NO.		REV
B	26805	4536-7388-02	04_2
SCALE 2:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1059541-1
SHEET 1 OF 1 REV A