



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
060	REVISED	08/10/93	FW

DESIGNED FOR USE WITH .141 SEMI-RIGID CABLE CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.144
CONTACT	.037

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions DESC SPEC 85071	Temperature Rating -65° to +125°C
Frequency Range (GHz) DC to 22	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) Sea Level 500	Insertion (MAX Lbs) 3	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.02+.005 f(GHz) DC to 18 GHz	Withdrawal (MIN Oz) 1	Thermal Shock MIL-STD-202, Method 107, Condition B
1.02+.008 f(GHz) DC to 22 GHz	Force to Engage (In-Lbs MAX) 3 & Disengage (In-Lbs MAX) 15	Mateure Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) .03x√f(GHz)	Center Contact Cavitation 6	Corrosion - MIL-STD-202, Method 101, Condition B
RF Leakage (dB MIN) (Interface Only, Fully Mated) -90-f(GHz)	Cable Retention	
Corona, 70,000 Ft (VRMS MIN) 375	Axial Force (Lbs MIN) 60	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1500	Torque (In-Oz MIN) 55	
Contact Resistance (Milliohms MAX)	Weight (Grams)	
Center Contact 2.0		
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential Sea Level (VRMS MIN) 5 MHz 1000		
IR (Megohms MIN) 5000		

COMPONENT	MATERIAL	FINISH
HOUSING BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
LOCKWASHER MOUNTING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY PCV DATE 2-12-82	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
TOLERANCE ON	CHECKED BY CAS 4-29-82	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	APPRO BY AS 4-29-82	
USE ASSY PROCEDURE	NO. AP. 45-003 408-08261	TITLE OSP BULKHEAD FEEDTHROUGH CABLE JACK-DIRECT SOLDER ATTACHMENT SIZE B CODE IDENT NO. 26805 4504-7941-00 REV 060 SCALE 3:1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1059410-1
SHEET 1 OF 1 REV A