



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 <sub>2</sub>	REVISED	MCH 8/30/99	<i>PCW</i> 8/31/99

DESIGNED FOR USE WITH .085 DIA SEMI-RIGID CABLE CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.089
CONTACT	.021

\* TO ALLOW FOR .120 AXIAL FLOAT

INNER 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
OUTER HOUSING WASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
SPRING	MUSIC WIRE	CADIUM PLATE PER QQ-P-416
DIELECTRIC	PTFE 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

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 450	Insertion (MAX Lbs) 3	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05+.005f(GHz) DC to 18 GHz 1.05+.009f(GHz) 18 to 22 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) 1.5	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(90-f(GHz))	Center Contact Captivation Axial (Lbs) 6	Corrosion - MIL-STD-202, Method 101, Condition B, 5% Salt Spray
Corona, 70,000 Ft (VRMS MIN) 335	Cable Retention Axial Force (Lbs MIN) 30	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Torque (In-Oz MIN) 16	
Contact Resistance (Milliohms MAX) Center Contact 2.0 Outer Contact 2.0 Cable to Housing 0.5	Weight (Grams) 5.4	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Spring Rate 27 lbs/in	
I.R.(Megohms MIN) 5000	Pre-load 3.5 lbs min	
	Durability 5000 cycles	

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °		
DRAWN BY <i>PCW</i> DATE 9/16/93		
CHECKED BY		
APPD BY <i>BB</i> 11/19/93		
<div style="display: flex; justify-content: space-between;"> <div> <p>USE ASS'Y PROCEDURE</p> <p>408-8263 (45-008)</p> <p>NO. AP.</p> </div> <div style="text-align: center;"> <p><b>AMP</b></p> </div> <div> <p>AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599</p> </div> </div>		
TITLE OSP FLOATING FLANGE MOUNT CABLE JACK - DIRECT SOLDER ATTACHMENT		
SIZE B	CODE IDENT NO. 26805	4506-5061-02
SCALE 3:1		REV 02 <sub>2</sub>
SHEET 1 OF 1		