



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₀	ECN 93-0005	2/8/93	<i>JPD</i> 2/22/93

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.2 (OSM) & 304.2 (N)	Temperature Rating -65°C to +125°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque N/A	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX) @ Sea Level 335	Mating Characteristics: OSM-Insertion (MAX lbs) 3.0	Shock MIL-STD-202, Method 213, Condition I
VSWR DC - 12.4GHz: 1.06±.005(1GHz) MAX	Type N-Insertion (MAX lbs) 2.0	Thermal Shock MIL-STD-202, Method 107, Condition C, except high temp shall be +15°C
12.4 - 18.0GHz: .83±.023(1GHz) MAX	OSM-Withdrawal (MIN oz) 1.0	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) .18 @ 9GHz	Type N-Withdrawal (MIN oz) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) -65 @ 2-3 GHz	Force to Engage and Disengage OSM (in-lbs MAX) 2.0	
Corona, 70,000 Ft (VRMS MIN) 250	Type N (in-lbs MAX) 6.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000	Center Contact Captivation Axial (lbs) 6.0	
Contact Resistance (Milliohms MAX) Center Contact 4.1	Radial (in-oz) 4.0	
Outer Contact 2.2	Cable Retention Axial Force (lbs) N/A	
Cable to Housing N/A	Torque (in-oz) N/A	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1,000	Weight (Grams) TBD	
IR (Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATED
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 NICKEL PLATE PER QQ-N-290

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY CD	DATE 2-10-83	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
TOLERANCE ON	CHECKED BY WJK	2-23-83	
FRAC. DEC. ANGLES ± 1/64 ± .005 ± °	APP'D BY DRG	3-3-83	
USE ASSY PROCEDURE	TITLE OSN JACK TO OSM JACK ADAPTER		
NO. AP. N/A	SIZE B	CODE IDENT NO. 26805	REV 02 ₀
	SCALE 4 : 1	3680-2242-00	SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1058653-1
SHEET 1 OF 1 REV B
PER EC 0020-0025-01