



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REV/REDRAWN PER ECN #19925	6/6/90	S. ALLERDICE
031	REVISED PER ECN 92-0010	08/23/92	CEP
032	ADDED GASKET TO MAT'L TABLE, ECN 93-0098	3/28/93	BA

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions BNC MIL-STD-348A Fig. 3012	Temperature Rating -65°C to +125°C
Frequency Range (GHz) DC to 4	OSM MIL-STD-348A Fig. 310.2	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	Recommended Mating Torque 4-6 In-Lbs	Shock MIL-STD-202, Method 213, Condition I
Sea Level 335	Mating Characteristics: BNC OSM	Thermal Shock MIL-STD-202, Method 107, Condition C, Except High Temp
VSWR 1.30 Max at 0.5 to 4.0 GHz	Insertion (Lbs Max) 2.0 3.0	Moisture Resistance MIL-STD-202, Method 106 Shall Be Omitted
Insertion Loss (dB MAX) 0.2√f(GHz)	Withdrawal (Oz Min) 2.0 1.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) -55, 2 to 3 GHz	Force to Engage/Disengage Longitudinal	
Corona, 70,000 Ft (VRMS MIN) 250	Force (Lb Max) 3.0 N/A	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1500	Torque (In-Lb Max) 2.5 2.0	
Contact Resistance (Milliohms MAX)	Contact Retention	
Center Contact 4.1	Axial (Lbs) 6.0	
Outer Contact 2.2	Radial (In-Oz) 4.0	
RF High Potential Sea Level (VRMS MIN) 5 MHz 670	Weight (Grams)	
IR (Megohms MIN) 5000		

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT	BRASS PER QQ-B-626 COMP. 360, HALF HARD	NICKEL PLATE PER QQ-N-290 OVER COPPER PLATE PER MIL-C-14550
HOUSING	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
LOCKWASHER	PHOSPHOR BRONZE PER QQ-B-750, GRADE B2	NICKEL PLATE PER QQ-N-290 OVER COPPER PLATE PER MIL-C-14550
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY AUGUST TARDIFF 5/18/90		DATE 6/6/90		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ± .005 ± °		CHECKED BY S. ALLERDICE 6/6/90		APP'D BY B. CLEVELAND 8/3/90		AMP	
These drawings and specifications are the property of Osm Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.		USE ASSY PROCEDURE		TITLE BNC JACK TO OSM JACK BULKHEAD FEEDTHROUGH ADAPTER		REV 032	
NO. AP. N/A		SIZE B		CODE IDENT NO. 26805		3284-2240-00	
		SCALE 2:1				SHEET 1 OF 1	

CUSTOMER DRAWING

AMP PART # 1058117-1
SHEET 1 OF 1 REV A