



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REV/REDRAWN PER ECN #19925	6/6/90	S. ALLERDICE
03 ₁	REVISED PER ECN 92-0010	6/23/92	06/23/92
03 ₂	ADDED GASKET TO MAT'L TABLE, ECN 93-0098	3/29/93	06/23/92

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

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions	Temperature Rating <u>-65°C to +125°C</u>
Frequency Range (GHz) DC to <u>4</u>	BNC <u>MIL-STD-348A Fig. 301.2</u>	Vibration <u>MIL-STD-202, Method 204, Condition D</u>
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	OSM <u>MIL-STD-348A Fig. 310.2</u>	Shock <u>MIL-STD-202, Method 213, Condition I</u>
VSWR <u>1.30 Max at 0.5 to 4.0 GHz</u>	Recommended Mating Torque <u>4-6 In-Lbs</u>	Thermal Shock <u>MIL-STD-202, Method 107, Condition C, Except High Temp</u>
Insertion Loss (dB MAX) <u>0.2√f(GHz)</u>	Mating Characteristics:	Moisture Resistance <u>MIL-STD-202, Method 106 Shall Be Omitted</u>
RF Leakage (dB MIN) <u>-55, 2 to 3 GHz</u>		Corrosion - <u>MIL-STD-202, Method 101, Condition B, 5% salt spray</u>
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Insertion (Lbs Max) <u>2.0</u> <u>3.0</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1500</u>	Withdrawal (Oz Min) <u>2.0</u> <u>1.0</u>	
Contact Resistance (Milliohms MAX)	Force to Engage/Disengage	
Center Contact <u>4.1</u>	Longitudinal	
Outer Contact <u>2.2</u>	Force (Lb Max) <u>3.0</u> <u>N/A</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>	Torque (In-Lb Max) <u>2.5</u> <u>2.0</u>	
I.R.(Megohms MIN) <u>5000</u>	Contact Retention	
	Axial (Lbs) <u>6.0</u>	
	Radial (In-Oz) <u>4.0</u>	
	Weight (Grams)	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DATE	DRAWN BY	
	5/18/90	AUGUST TARDIFF	
FRAC.	DEC.	DATE	CHECKED BY
± 1/64	± .005	8/3/90	S. ALLERDICE
ANGLES	± °	DATE	APPROVED BY
		8/3/90	B. CLEVELAND
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USE ASS'Y PROCEDURE		TITLE BNC JACK TO OSM JACK BULKHEAD FEEDTHROUGH ADAPTER	
NO. AP. <u>N/A</u>		SIZE	CODE IDENT NO.
		B	26805
		SCALE	3284-2240-00
		2:1	REV 03 ₂
		SHEET 1 OF 1	