



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A,	Temperature Rating <u>-65°C TO +125°C</u>
Frequency Range (GHz) <u>DC to 18</u>	Fig. 310.2 (SMA) AND 304.2 (N)	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Recommended Mating	204, Condition B
@ Sea Level <u>335</u>	Torque <u>N/A</u>	Shock MIL-STD-202, Method 213,
VSWR <u>DC-12.4GHz: 1.06+.005f(GHz) MAX</u>	Mating Characteristics:	Condition I
<u>12.4-18.0GHz: .83+.023f(GHz) MAX</u>	SMA-Insertion (MAX Lbs) <u>3.0</u>	Thermal Shock MIL-STD-202,
Insertion Loss (dB MAX) <u>.18 @ 9GHz</u>	N-Insertion (MAX Lbs) <u>2.0</u>	Method 107, Condition C,
RF Leakage (dB MIN) <u>-65 @2-3 GHz</u>	SMA-Withdrawal (MIN Oz) <u>1.0</u>	Except high temp shall be +115°C
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	N-Withdrawal (MIN Oz) <u>2.0</u>	Moisture Resistance MIL-STD-202,
Dielectric Withstanding Voltage	Force to Engage and Disengage	Method 106
(VRMS MIN) @ Sea Level <u>1000</u>	SMA (In-Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method
Contact Resistance (Milliohms MAX)	N (In-Lbs MAX) <u>6.0</u>	101, Condition B, 5% salt spray
Center Contact <u>4.1</u>	Center Contact Captivation	
Outer Contact <u>2.2</u>	Axial (Lbs) <u>6.0</u>	
Cable to Housing <u>N/A</u>	Radial (In-Oz) <u>4.0</u>	
RF High Potential @ Sea Level	Cable Retention	
(VRMS MIN @ 5 MHz) <u>1000</u>	Axial Force (Lbs) <u>N/A</u>	
I.R.(Megohms MIN) <u>5,000</u>	Torque (In-Oz) <u>N/A</u>	
	Weight (Grams) <u>TBD</u>	

PASSIVATED	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582. TYPE 303	HOUSING
N/A	PTFE PER ASTM-D-1457	DIELECTRIC
GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290	BERYLLIUM COPPER PER ASTM B 196. ALLOY C17300. CONDITION H	CENTER CONTACT
FINISH	MATERIAL	COMPONENT
THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN CD 2-10-83 CHK WK 2-23-83 APVD DRG 3-3-83 PRODUCT SPEC APPLICATION SPEC	NAME SMA JACK TO N JACK ADAPTOR (3680-2242-00)
DIMENSIONS: INCHES 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± 1° FINISH	SIZE A2
MATERIAL -	WEIGHT -	CAGE CODE 00779
	CUSTOMER DRAWING	DRAWING NO C=1058653-1
	SCALE 5:1	RESTRICTED TO -
	SHEET 1 of 1	REV C

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