

ENG FILE COPY

"DESIGN CRITERIA"

2720-6001

REQUIREMENT	RATING	REQUIREMENT	RATING
Nominal Impedance (ohms)	50	Vibration	MIL-STD-202 method 204 Cond. D (20G's)
Frequency Range (ghz)	DC-26.0		
Voltage Rating (max. vrms)	250	Shock	MIL-STD-202 method 213 Cond. I (100G's)
Temperature Rating (degrees centigrade)	-65 To +165		
VSWR (max.)	1.10 +.015xFGHz	Temperature Cycling	MIL-STD-202 method 102 - Cond. C (-65°C To +200°C)
Insertion Loss (dB max.)	.05x√FGHz		
RF Leakage (min. dB down)	100 dB-FGHz	Corrosion	MIL-STD-202 method 101 Cond. B (48 hrs.)
RF High Potential (max. vrms)	500 AT 5MHz		
Dielectric Withstanding Voltage (max. vrms)	750	Moisture Resistance	MIL-STD-202 method 106 less step 7b
Insulation Resistance (min. megohms)	5000		
Contact Resistance Center Contact (max. milliohms)	4.0	Barometric Pressure (Altitude)	MIL-STD-202 method 105 Cond. C (70,000 ft.) (190 vrms)
Outer Contact (max. milliohms)	1.0		
Center Contact Axial Forces Insertion (max. ounces)	40.0	Hermeticity	N/A
Withdrawal (min. ounces)	1.0		
Connector Durability (min. cycles)	500		
Connector Engagement & Disengagement (max. inch lbs.)	2.0		

REMARKS: 1.) RECOMMENDED MATING TORQUE: 6-8 INCH POUNDS.

TITLE SSMA JACK FOR RG 178/U AND RG 196/U CABLES	SOLITRON/MICROWAVE PORT SALERNO, FLORIDA	SHEET 2 OF 2	DRAWING NO. 2720-6001	REV B
--	---	--------------	--------------------------	----------