



1.0 ELECTRICAL

- 1.1 FREQUENCY RANGE: DC-18 GHz
- 1.2 NOMINAL IMPEDANCE: 50 OHMS
- 1.3 WORKING VOLTAGE: 500 VOLTS MAX.
- 1.4 PROOF VOLTAGE: 1000 VOLTS
- 1.5 VSWR: 1.23 MAX.

2.0 MATERIALS

- 2.1 BODIES: BRASS PER JIS-C3604
- 2.2 CENTER CONTACT: BERYLLIUM COPPER PER ASTM B196 UNS C17300
- 2.3 INSULATION: TEFLON PER ASTM D1457 AND ASTM D1710

3.0 FINISHES AND OTHERS

- 3.1 SEE BELOW TABLE FOR DETAILS.

4.0 MECHANICAL

- 4.1 INTERFACE IN ACCORDANCE WITH: MIL-STD-348A
- 4.2 RECOMMENDED COUPLING TORQUE: 7 TO 10 in-lbs

5.0 ENVIRONMENTAL

- 5.1 OPERATING TEMPERATURE RANGE: -65° C TO +165° C

APPROVED

by _____ DATE: _____



NO	DESCRIPTION	MATERIAL	Q'TY	FINISH
3	INSULATION	TEFLON	1	NONE
2	CENTER CONTACT	BERYLLIUM COPPER	1	GOLD 50 μ" MIN.
1	BODY	BRASS	1	GOLD 3 μ" MIN.

DESCRIPTION		SMA JACK END LAUNCH			DATE	REV.
DRAWN	TOLERANCE	TITLE	19-70-9 T.G.G (50Ω)	08.16.05	A-0	
<i>Elvis</i>	.X ±0.2	UNIT	DWG.NO. 19-0245			
CHECK	.XX ±0.1	mm(in)				
<i>Lewis</i>	.XXX ±0.05	SCALE				
APPROVAL	ANGLE ±5°	4:1				
<i>Lewis</i>						