



NOTES: UNLESS OTHERWISE SPECIFIED.

1. MATERIAL & FINISH:

- 1.1 BODY & COUPLING NUT:
 - 1.1.1 145-0901-821: GOLD PLATED STAINLESS STEEL
 - 1.1.2 145-0901-822 PASIVATED STAINLESS STEEL
- 1.2 SUPPORT BEAD: PPE (NORYL)
- 1.3 CENTER CONTACT: GOLD PLATED BERYLLIUM COPPER
- 1.4 GASKET: SILICONE

2. ELECTRICAL:

- 2.1 IMPEDANCE: 50 OHMS
- 2.2 FREQUENCY RANGE: 0 - 40.0 GHz
- 2.3 VSWR: 1.20 MAX
- 2.4 WORKING VOLTAGE: 250 VRMS MAX AT SEA LEVEL
- 2.5 DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS MIN AT SEA LEVEL
- 2.6 INSULATION RESISTANCE: 5000 MEGOHM MIN
- 2.7 CONTACT RESISTANCE:
 - CENTER CONTACT - INITIAL 4.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 6.0 MILLIOHM MAX
 - OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX AFTER ENVIRONMENTAL NOT APPLICABLE
- 2.8 CORONA LEVEL: 150 VOLTS MIN AT 70,000 FEET
- 2.9 INSERTION LOSS: $.06 \sqrt{F}$ (F IN GHz)
- 2.10 RF LEAKAGE: -90 dB MIN AT 2.5 GHz
- 2.11 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 350 VRMS AT 4 AND 7 MHz

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	RoHS2 <input checked="" type="checkbox"/> 2011/65/EU	Title: ADAPTER ASSY PLUG TO JACK SMK (2.92mm)	
	UNLESS OTHERWISE SPECIFIED UNITS: INCH	Model No.: 145-0901-821/830	
	.XX ±.02 .XXX ±.005 ANGLES ±2°	Size: B	DO NOT SCALE DRAWING