

Electrical Data:

1. Impedance: 50 Ohms
2. Frequency Range: DC to 18.0 GHz
3. Contact Resistance: Inner Contact: 3 milliohms max.
Outer Contact: 2 milliohms max.
4. Insulation Resistance: 5000 megaohms min.
5. Dielectric Withstanding Voltage: 1000 V
6. VSWR & Insertion Loss: N/A (Uncabled Receptacles)

Mechanical Data:

1. Contact Captivation: Axial force: 22 N
Torque: 0.028 N.m
2. Coupling Nut Torque:
Recommended: 0.7–1.1 N.m
Max.: 1.7 N.m
3. Durability: 500 cycles

Environmental Data:

1. Operating Temperature Range: -55°C up to 155°C
2. Test Categories: IEC 55/155/21
3. Relative Humidity: MIL-STD-202, Method 106
4. Thermal Shock: MIL-STD-202, Method 107, Cond. B
5. Shock: MIL-STD-202, Method 213, Cond. J
6. Vibration: MIL-STD-202, Method 204, Cond. B
7. Corrosion: MIL-STD-202, Method 101, Cond. B

RoHS Compliant.

ALL DIMENSIONS ARE IN MILLIMETERS AND [INCHES]

LJEN, LLC from KERUI

THESE DRAWING & SPEC. ARE THE PROPERTY OF LJEN, LLC FROM KERUI AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT THEIR EXPRESS WRITTEN CONSENT.

UNLESS OTHERWISE NOTED
ALL SURFACES FINISHED TO 64/MAX.
ALL TOLERANCES ARE:
DECIMALS FRACTIONS ANGLES
 $x \pm 1.0$ $\pm 1/64$ $x' \pm 1^{\circ}$
 $x.x \pm 0.5$ $x'x' \pm 0.5$
 $x.xx \pm 0.1$

Title SMA 4 HOLES FLANGE
EPOXY CAPTIVE JACK RECEPTACLE
(SMA-KFD-3B)

Drawn by
Teresa

Ckd by
Simon

Appd by
Richard

Date
8/29/2010

Scale

Sheet 2 of 2

10 1121 041 01 B