**RECOMMENDED LAND PATTERN:**

Zone A must be attached to heat sink. Thermal conductivity of intermediate layers between Zone A and heat sink must be better than 0.1 W / [°C x mm].

- Ø1.8 [0.071] Solder Pad 2PL
- Ø15.9 [0.625]
- Ø9.0 [0.353]
- 15.3 [0.602]

**ELECTRICAL SPECIFICATION:**

- Frequency Range: 2110 to 2200 MHz
- Isolation: 20dB Min
- Insertion Loss: 0.25 dB Max
- FWD Power: 100W (CW)
- Peak Power: 1000 W
- REV Power: 60 W
- Return Loss: 20 dB Min
- IMD (2 x 30 W, 1 MHz space): -60dBc Max
- Operating Temperature: -40°C to +105°C
- Storage Temperature: -45°C to +115°C
- Reflow Temperature: 260°C with 10 seconds
- Direction: CW

**BODY:** CARBON STEEL, SILVER PLATED
RIGID PINS: COPPER, SILVER PLATED

**NOTES:**
1. STANDARD INPUT/OUTPUT IMPEDANCE 50 Ohm
2. LEAD FREE, NO Nd MATERIAL, BeO FREE
3. DOES NOT DAMAGE AT 115°C
4. THE DIMENSION OF DATE MATRIX IS 5.3X5.3MM INFORMATION INCLUDING WORK ORDER NUMBER-SERIAL NUMBER-MATERIAL NUMBER
5. THIS PART COMPLIES WITH ALL RoHS REQUIREMENTS

**ENG PART #: 801-211-220-WC194**