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].

ELECTRICAL SPECIFICATION:
- Frequency Range: 2620 to 2690 MHz
- Isolation (In Band): 28 dB Min
- Isolation External Band (2470 to 2840 MHz): 16 dB Min
- Insertion Loss: 0.18 dB Max
- FWD Power: 150W (CW)
- Peak Power: 1000 W
- REV Power: 60 W
- Flange Temperature: 210°C, duration 10 min
- Return Loss (Input): 25 dB Min
- Return Loss (Output): 25 dB Min
- Input impedance real part: 46.5 Ω min, 53.5 Ω max
- Input impedance imaginary part: -4.5 to +4.5 Ω max
- Out of band resonance point: 2420 MHz min, 2890 MHz max
- IMD (2 x 65 W, 1 MHz space): -70 dBc Max
- 2nd Harmonics: 10 dBc
- 3rd Harmonics: 5 dBc
- Group delay (In Band): 2 ns max
- Delay (In Band): 0.5 ns max
- Delay at 2470 to 2840 MHz: 2 ns max
- Operating Temperature: -40°C to +120°C
- +120°C to +130°C: power capacity and reliability no change, other spec. reduce 10%
- Storage Temperature: -40°C to +130°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 the Data Matrix is 5.3mm x 5.3mm. Information included

WORK ORDER NUMBER- SERIAL NUMBER- MATERIAL NUMBER
5. This part complies with all RoHS requirements.