

Maximum Ratings

| Rating | | Value | Unit |
|----------------------------------|-----------|--------------|------|
| Average Power | P_{AVG} | 200 | W |
| Peak Power | P_{PX} | 1200 | W |
| Reverse Power | P | 150 | W |
| Operating Temperature Range | T_A | -40 ~ +90 | °C |
| | | +90 ~ +100°C | |
| Storage Temperature Range | T_{stg} | -55 ~ +125 | °C |
| CPK | | 1.33 | |
| IFR Intrinsic Failure Rate, FITs | | Fits | <5 |

Electrical Characteristics

Reference temperature: $T_A = 25\text{ °C}$
 Terminating source impedance: $Z_S = 50\ \Omega$
 Terminating load impedance: $Z_L = 50\ \Omega$

| Characteristic | | Min. | Typ. | Max. | Unit |
|------------------------|--------------|-------|------|-------|------|
| Working frequency | f_C | 1.805 | | 1.880 | GHz |
| Insertion attenuation | IL | — | 0.20 | 0.25 | dB |
| Isolation | 1805~1880MHz | 28 | 30 | — | dB |
| Isolation | 1745~1940MHz | 18 | 27 | — | dB |
| IMD(2X65W, 1MHz space) | | 75 | 80 | | dBc |
| Input Return Loss | | 23 | 26 | | dB |
| Output Return Loss | | 23 | 26 | | dB |
| Group Delay | 1805~1880MHz | | | 2.0 | ns |
| Group Delay | 1745~1940MHz | | | 2.0 | ns |
| Group Delay variation | | | | 0.5 | ns |

 **RoHS Compliant**
 **Electrostatic Sensitive Device**

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Our liability is only assumed for the circulator and isolator component(s) per se, not for applications, processes and circuits implemented within components or assemblies.

For questions on technology, prices and delivery, please contact our sales offices or e-mail winnsky@winnsky.com