1.0 ELECTRICAL

1.1 OPERATING FREQUENCY: 5.8 - 6.5 GHz
RETURN LOSS: -20 dB MIN
ISOLATION: 70 dB MIN
INSERTION LOSS: 0.2 dB MAX

1.2 OPERATING FREQUENCY: 7.25 - 8.4 GHz
RETURN LOSS: -20 dB MIN
ISOLATION: 70 dB MIN
INSERTION LOSS: 0.5 dB MAX

1.3 OPERATING FREQUENCY: 14.0 - 14.5 GHz
RETURN LOSS: -23 dB MIN
ISOLATION: 60 dB MIN
INSERTION LOSS: 0.2 dB MAX

1.4 DRIVING VOLTAGE: OPTIONAL
1.5 C-FORM CONTACTS: 4 IN STD UNIT
1.6 INHIBIT CONTACTS: OPTIONAL (OPEN BEFORE VSWR EXCEEDS 1.3:1)
1.7 SWITCHING TIME: 80 USEC MAX
1.8 POWER CONNECTOR: KPT02614-19P

2.0 MECHANICAL

2.1 WAVEGUIDE SIZE: WRD580
2.2 FLANGE: OPTIONAL
2.3 PRESSURE: 20 PSI (INCLUDING DRIVER)
2.4 MATERIAL: 80% ALUMINUM
2.5 FINISH: LUSTERON ON WAVEGUIDE, ANODIZE ON DRIVER
2.6 WEIGHT: .500 KG

3.0 ENVIRONMENTAL

3.1 OPERATING TEMP: -40° TO +75° C
3.2 NON OPERATING TEMP: -50° TO +100° C
3.3 HUMIDITY: 100%
3.4 SHOCK & VIBRATION: STD SHIPPING