1.0 ELECTRICAL
1.1 OPERATING FREQUENCY (WAVEGUIDE): 5.85 – 8.2 GHZ
RETURN LOSS: –30DB MIN
ISOLATION: 60DB MIN
INSERTION LOSS: .05DB MAX
1.2 OPERATING FREQUENCY (COAXIAL): 5.85 – 8.2 GHZ
RETURN LOSS: –20DB MIN
ISOLATION: 60DB MIN
INSERTION LOSS: .20DB MAX

1.3 ISOLATION WAVEGUIDE TO COAX: 120DB
1.4 POWER HANDLING (WAVEGUIDE) 5KW CW
1.5 DRIVING VOLTAGE: OPTIONAL
1.6 C–FORM CONTACTS: 4 IN STD UNIT
1.7 INHIBIT CONTACTS: OPTIONAL
1.8 SWITCHING TIME: 100 MSEC MAX
1.9 POWER CONNECTOR: KPTD2614–19P

2.0 MECHANICAL
2.1 WAVEGUIDE SIZE: WR137
2.2 FLANGE: OPTIONAL
2.3 COAXIAL CONNECTORS: TYPE–N OR SMA
2.4 PRESSURE: 20 PSI (INCLUDING DRIVER)
2.5 MATERIAL: 80% ALUMINUM
2.6 FINISH: LUSTRE ON WAVEGUIDE, ANODIZE ON DRIVER
2.7 WEIGHT: .920 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