1.0 ELECTRICAL
1.1 OPERATING FREQUENCY (WAVEGUIDE): 10.0 - 15.0 GHz
   RETURN LOSS: -28dB MIN
   ISOULATION: 70dB MIN
   INSERTION LOSS: .05dB MAX
1.2 OPERATING FREQUENCY (COAXIAL): 10.7 - 14.5 GHz
   RETURN LOSS: -17dB MIN
   ISOULATION: 50dB MIN
   INSERTION LOSS: .45dB MAX

1.3 ISOLATION WAVEGUIDE TO COAX: 120dB
1.4 POWER HANDLING: 5KW CW
1.5 DRIVING VOLTAGE: OPTIONAL
1.6 C-FORM CONTACTS: 4 IN STD UNIT
1.7 INHIBIT CONTACTS: OPTIONAL (OPEN BEFORE VSWR EXCEEDS 1.3:1)
1.8 SWITCHING TIME: 90 MSEC MAX
1.9 POWER CONNECTOR: KPTD2614-19P

2.0 MECHANICAL
2.1 WAVEGUIDE SIZE: WR75
2.2 FLANGE: OPTIONAL
2.3 COAXIAL CONNECTORS: SMA
2.4 PRESSURE: 20 PSI (INCLUDING DRIVER)
2.5 MATERIAL: 80% ALUMINUM
2.6 FINISH: LUSTERON WAVEGUIDE, ANODIZE ON DRIVER
2.7 WEIGHT: .700 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

Advanced Switch Technology
7379 Avenue of the Sciences
San Diego, CA 92121
Ph: 858-299-7997
Fax: 858-299-7998

Sheet 1 of 1