1.0 ELECTRICAL
1.1 OPERATING FREQUENCY: 18.0 - 26.5 GHz
1.2 RETURN LOSS: -23dB MIN
1.3 ISOLATION: 60dB MIN
1.4 INSERTION LOSS: .15dB MAX
1.5 POWER HANDLING: 1kW CW MAX
1.6 DRIVING VOLTAGE: OPTIONAL
1.7 C-FORM CONTACTS: 2 IN STD UNIT
1.8 INHIBIT CONTACTS: OPTIONAL (OPEN BEFORE VSWR EXCEEDS 1.3:1)
1.9 SWITCHING TIME: 60 MSEC MAX
1.10 POWER CONNECTOR: KPT02E12-10P or KPT2E10-6P

2.0 MECHANICAL
2.1 WAVEGUIDE SIZE: WR42
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: .350 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

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REVY | DESCRIPTION | DATE | ENG | PROD | OA
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APPROVALS

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WAVEGUIDE DETAILS

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DRIVER DETAILS

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VOLTAGE DETAILS

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WAVEGUIDE SWITCH

WR 42

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MC 06/27/2007

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SCALE

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SHEET 1 OF 1

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PROPRIETARY INFORMATION

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