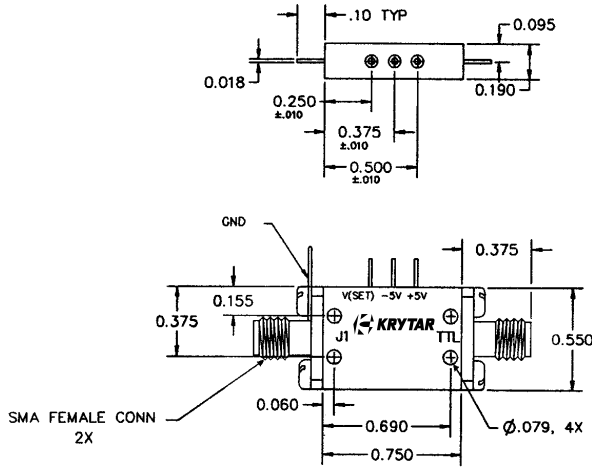
KRYTAR® BROADBAND THRESHOLD DETECTORS
100 MHz-18 GHz



Dimensions in Inches

SPECIFICATIONS

MODEL	FREQUENCY RANGE (GHz)	VSWR TYPICAL	THRESHOLD VARIATION (±dB Max.)
KTH0120	0.1 - 2.0	2.00	0.75
KTH0140	0.1 - 4.0	2.60	0.75
KTH0112	0.1 - 12.4	2.70	1.00
KTH0518	0.5 - 18.5	3.50	1.00
KTH2018	2.0 - 18.0	3.00	1.00
KTH6018	6.0 - 18.0	3.00	0.75
KTH8018	8.0 - 18.0	3.00	0.75

FEATURES

High Reliability Hermetically Sealed Modules
Dynamic Range: -20 to -10 dBm
Propagation Delay: 10 nsec Typical, 3 dB above Threshold Setting (50% RF Input to 50% Logic at -10dBm)
TTL: Logic Output
Minimum Pulse Width: 50 nsec Typical
Temperature Stability: 1.0 dB Typical, 3 dB above Threshold Setting
Threshold Setting: Internal Fixed or External Voltage
DC Power (No Load): ±5 VDC @ 100mA Max
Maximum Input Power: 100mW CW
Operating Temperature Range: -55 to 90ºC
Storage Temperature Range: -65 to 125ºC
Specification @ 25ºC

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