

张先生

专业代理：全球知名品牌探测器 μ μ

现货供应：红外全波段点元、线阵、面阵探测器

可见光、紫外波段探测器、运放电路

热像仪、全波段相机、Ulis、Sofradir

【Judson、Vigo、Eos、Ifw、Infrared】

现货供应：InGaAs 0.5 μm 点元[线阵探测器

PbSe/PbS 点元探测器

热卖产品： μm 焦平面探测器： ,

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详细资料见第二页！

Model Number	Element Size (mm)	FOV=60°						Std. Pkg.	Std. Window
		Wave-length Peak λ_p (μm)	Wavelength Response (20% λ_{co}) (μm)	D* ($\lambda_p, 10000, 1$) ($cmHz^{1/2}W^{-1}$)	Responsivity (pk, (V/W))	Resistance (Ω)	Time Constant (μsec)		
2 μm to 5 μm									
MCT-5-N-0.05	0.05 X 0.05	~4.5	≥ 5.0	$\geq 1.0E11$	$\geq 100,000$	50-500	~1.0	MSL-8 MSL-12 OR MDL-8 MDL-12	Sapphire
MCT-5-N-0.10	0.10 X 0.10				$\geq 50,000$				
MCT-5-N-0.25	0.25 X 0.25				$\geq 10,000$				
MCT-5-N-0.50	0.50 X 0.50				$\geq 4,000$				
MCT-5-N-1.00	1.00 X 1.00			$\geq 2,000$					
MCT-5-N-2.00	2.00 X 2.00			$\geq 8.0E10$	$\geq 1,000$				
2 μm to 13 μm									
MCT-13-0.025	.025 X .025	~12.0	≥ 13.0 (750 cm^{-1})	$\geq 5.0E10$	$\geq 100,000$	20-100	~0.4	MSL-8 MSL-12 OR MDL-8 MDL-12	ZnS ZnSe ARGe (2-14 μm)
MCT-13-0.05	0.05 X 0.05				$\geq 60,000$				
MCT-13-0.10	0.10 X 0.10				$\geq 30,000$				
MCT-13-0.25	0.25 X 0.25				$\geq 10,000$				
MCT-13-0.50	0.50 X 0.50			$\geq 4.0E10$	$\geq 5,000$				
MCT-13-1.00	1.00 X 1.00				$\geq 2,000$				
MCT-13-2.00	2.00 X 2.00				≥ 500				
MCT-13-3.00	3.00 X 3.00				≥ 200				
MCT-13-4.00	4.00 X 4.00		$\geq 2.0E10$	≥ 100					
2 μm to 24 μm "FTIR Series"									
FTIR-16-0.10	0.10 X 0.10	~14.0	≥ 16.6 (600 cm^{-1})	$\geq 4.0E10$	$\geq 10,000$	20-100	~0.2	MSL-8 MSL-12 OR MDL-8 MDL-12	ZnSe/W
FTIR-16-0.25	0.25 X 0.25				$\geq 3,000$				
FTIR-16-0.50	0.50 X 0.50				$\geq 1,500$				
FTIR-16-1.00	1.00 X 1.00				≥ 800				
FTIR-16-2.00	2.00 X 2.00			$\geq 2.0E10$	≥ 200				
FTIR-22-0.25	0.25 X 0.25	~18.0	≥ 22.2 (450 cm^{-1})	$\geq 1.0E10$	≥ 700	20-100	~0.1	Same as FTIR-16	KRS-5/W
FTIR-22-0.50	0.50 X 0.50				≥ 350				
FTIR-22-1.00	1.00 X 1.00				≥ 150				
FTIR-24-0.25	0.25 X 0.25	~18.0	≥ 24.0 (415 cm^{-1})	$\geq 5.0E9$	≥ 200	20-100	~0.1	Same as FTIR-16	KRS-5/W
FTIR-24-1.00	1.00 X 1.00				≥ 50				
MSL-8 Side Looking Metal Dewar---8 Hour Hold Time									
MSL-12 Side Looking Metal Dewar---12 Hour Hold Time									
MDL-8 Down Looking Metal Dewar---8 Hour Hold Time									
MDL-12 Down Looking Metal Dewar---12 Hour Hold Time									

K508 SPECIFICATIONS

Cooler Weight: 450 gr.

Input Voltage: 12-16 VDC

Steady State Input Power (220mW @77K @23°C): 7W Typ.

Maximum Input Power: 17W

Ambient Temperature Range:

Operational: -40°C...+85°C

Non-Operational: -56°C...+85°C

Cooldown Time (250J @23°C): 5 Min. Typ.

MTTF > 8,000 Hours (Expected)

Meets Environmental Conditions per MIL-STD-810D



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