

Sensors & Transducers

Other Type Sensors

Detailed product specifications are available on: us.100y.com.tw



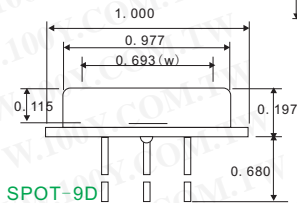
SPOT-4D



SPOT-9D



SPOT-4DMI



SPOT-9D

FEATURES

- High Accuracy
- Excellent Resolution
- High-Speed Response
- Ultra Low Dark Current
- Excellent Response Match
- High Stability over Time and Temperature

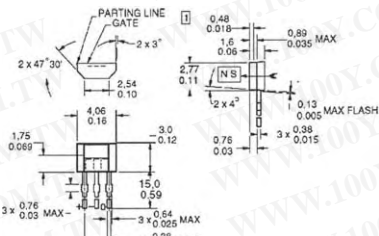
APPLICATIONS

- Machine Tool Alignment
- Position Measuring
- Beam Centering
- Surface Profiling
- Targeting
- Guidance Systems

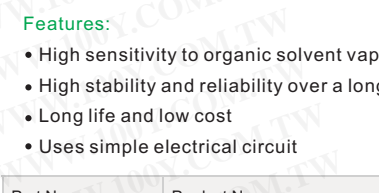
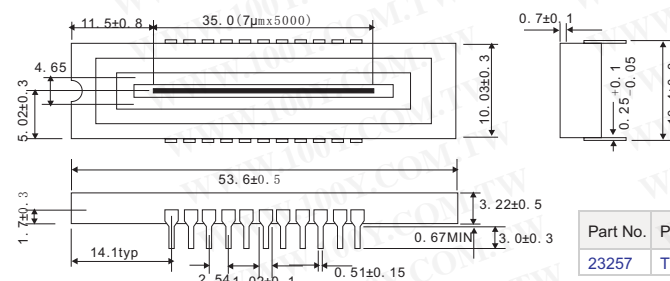
P/N	A	B	W
SPOT-4D	0.063	0.142	0.240
SPOT-4DMI	0.063	0.142	0.240

Model NO	Active Area Per Element		Element Gap (mm)	Responsivity (A/W)		Capacitance (pF)	Dark Current (nA)			NEP (W/Hz)	Reverse Voltage (V)	Rise Time (ns)	Temp Range(°C)		Package Style		
	Area (mm ²)	Dimension (mm)		970 nm			-10 V	-10 V	-10 V				Max	Typ		Operating	storage
				min	typ		typ	max	typ								
SPOT-4D	1.61	1.3 sq	0.127	0.60	0.65	5	0.10	1.0	3.7	e-15	30	3	-40~+100	5~+125	38/TO-8		
SPOT-4DMI	0.25	0.5 sq	0.013			1	0.01	0.5	2.8	e-15							
SPOT-9D	19.6	10Φ	0.102			60	0.50	10.0	1.9	e-14							

Part No.	Product No.	Manufacturer	Description	Type
16171	SPOT-4D	OSI Optoele.	Position Sensing Detector, PIN photodiode, quadrant	SPOT
16172	SPOT-4DMI	OSI Optoele.	UDT-Sensors_Bi cell/Quadrant Position Sensor	SPOT
16173	SPOT-9D	OSI Optoele.	Position Sensing PIN Photodiode, quad-cells.	SPOT



Part No.	Product No.	Manufacturer	Description	Type
37887	SS495A	Honeywell	Solid State Sensor Miniature Ratiometric Linear	SS490



Part No.	Product No.	Manufacturer	Description	Type
23257	TCD141C	TOSHIBA	LINEAR IMAGE SENSOR CCD(Charge Coupled Device)	22P/DIP

Features:

- High sensitivity to organic solvent vapors such as ethanol
- High stability and reliability over a long period
- Long life and low cost
- Uses simple electrical circuit

Applications:

- Breath alcohol detectors
- Gas leak detectors/alarms
- Solvent detectors for factories, dry cleaners, and semiconductor industries

- We provide a wide range of products to development and maintenance engineers in all type of business
- If you cannot find the components you want on the catalogue, please call us.

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