



VEMD5010X01 Information

Part Number VEMD5010X01

Manufacturer Vishay Semiconductor Opto Division

Category Sensors, Transducers

Optical Sensors - Photodiodes

Description PHOTODIODE SILICON PIN SMD

Package -

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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Certified Quality

For Reference Only

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









VEMD5010X01 Specifications

Manufacturer Part Number VEMD5010X01 Manufacturer Vishay Semiconductor Opto Division Category Sensors, Transducers Optical Sensors - Photodiodes - Package - Series Automotive, AEC-Q101 Wavelength 940nm Color - Enhanced - Spectral Range 450nm ~ 1100nm Diode Type PIN Responsivity @ nm - Response Time 100ns Voltage - DC Reverse (Vr) (Max) 20V Current - Dark (Typ) 2nA Active Area 7.5mm² Viewing Angle 65° Operating Temperature -40°C ~ 110°C Mounting Type Surface Mount Package / Case -	•	
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Color - Enhanced - Spectral Range 450nm ~ 1100nm Diode Type PIN Responsivity @ nm - Response Time 100ns Voltage - DC Reverse (Vr) (Max) 20V Current - Dark (Typ) 2nA Active Area 7.5mm² Viewing Angle 65° Operating Temperature -40°C ~ 110°C Mounting Type Surface Mount Package / Case -	Series	Automotive, AEC-Q101
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Diode Type Responsivity @ nm Response Time 100ns Voltage - DC Reverse (Vr) (Max) Current - Dark (Typ) Active Area 7.5mm² Viewing Angle Operating Temperature Mounting Type Surface Mount Package / Case PIN	Color - Enhanced	-
Responsivity @ nm Response Time 100ns Voltage - DC Reverse (Vr) (Max) 20V Current - Dark (Typ) 2nA Active Area 7.5mm² Viewing Angle 65° Operating Temperature -40°C ~ 110°C Mounting Type Surface Mount Package / Case -	Spectral Range	450nm ~ 1100nm
Response Time 100ns Voltage - DC Reverse (Vr) (Max) 20V Current - Dark (Typ) 2nA Active Area 7.5mm² Viewing Angle 65° Operating Temperature -40°C ~ 110°C Mounting Type Surface Mount Package / Case -	Diode Type	PIN
Voltage - DC Reverse (Vr) (Max) Current - Dark (Typ) Active Area 7.5mm² Viewing Angle 65° Operating Temperature -40°C ~ 110°C Mounting Type Surface Mount Package / Case -	Responsivity @ nm	-
Current - Dark (Typ) Active Area 7.5mm² Viewing Angle 65° Operating Temperature -40°C ~ 110°C Mounting Type Surface Mount Package / Case -	Response Time	100ns
Active Area 7.5mm^2 Viewing Angle 65° Operating Temperature $-40^\circ\text{C} \sim 110^\circ\text{C}$ Mounting TypeSurface MountPackage / Case-	Voltage - DC Reverse (Vr) (Max)	20V
Viewing Angle 65° Operating Temperature $-40^{\circ}\text{C} \sim 110^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case-	Current - Dark (Typ)	2nA
Operating Temperature -40°C ~ 110°C Mounting Type Surface Mount Package / Case -	Active Area	7.5mm ²
Mounting Type Surface Mount Package / Case -	Viewing Angle	65°
Package / Case -	Operating Temperature	-40°C ~ 110°C
	Mounting Type	Surface Mount
Report errors?	Package / Case	-
report errors.		Report errors?

VEMD5010X01 Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

VEMD5010X01 Payment Methods



















VEMD5010X01 Shipping Methods













If you have any question about VEMD5010X01, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com