 **Vishay / Semiconductor - Opto**

## VEMD6160X01




Part Number:	VEMD6160X01
Manufacturer/Brand:	Vishay / Semiconductor - Opto Division
Product description:	PHOTODIODE PIN 840NM SMD
Datasheets:	 <a href="#">VEMD6160X01.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS



Image may be representation. See specifications for product details.

REQUEST FOR QUOTATION




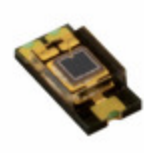


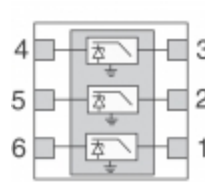



### Specifications of VEMD6160X01

PART NUMBER	VEMD6160X01
MANUFACTURER	Vishay / Semiconductor - Opto Division
DESCRIPTION	PHOTODIODE PIN 840NM SMD
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 <a href="#">VEMD6160X01.pdf</a>
WAVELENGTH	840nm
VOLTAGE - DC REVERSE (VR) (MAX)	20V
VIEWING ANGLE	140°
SPECTRAL RANGE	700nm ~ 1070nm
SERIES	Automotive, AEC-Q101
RESPONSIVITY @ NM	-
RESPONSE TIME	60ns
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	0805 (2012 Metric)
OTHER NAMES	VEMD6160X01CT
OPERATING TEMPERATURE	-40°C ~ 110°C
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	4 (72 Hours)
MANUFACTURER STANDARD LEAD TIME	7 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DIODE TYPE	PIN
DETAILED DESCRIPTION	Photodiode 840nm 60ns 140° 0805 (2012 Metric)
CURRENT - DARK (TYP)	30pA
COLOR - ENHANCED	-
ACTIVE AREA	0.85mm <sup>2</sup>

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### Related Products

 <p><b>VEMD5510CF</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: PHOTODIODE SILICON PIN SMD In stock: Out stock</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>	 <p><b>VEMD5510CF-GS15</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: PHOTODIODE SILICON PIN SMD In stock: Out stock</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>
 <p><b>VEMI255A-HS3-GS08</b> Manufacturers: Electro-Films (EFI) / Vishay Description: FILTER RC(PI) 50 OHM/37PF SMD In stock: Out stock</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>	 <p><b>VEMD6010X01</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: PHOTODIODE SILICON PIN SMD In stock: Out stock</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>
 <p><b>VEMD5510C-GS15</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: PHOTODIODE SILICON PIN SMD In stock: Out stock</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>	 <p><b>VEMI353A-HAF-G-08</b> Manufacturers: Electro-Films (EFI) / Vishay Description: FILTER RC(PI) 30 OHM/37PF SMD In stock: Out stock</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>
 <p><b>VEMI355A-HAF-G-08</b> Manufacturers: Electro-Films (EFI) / Vishay Description: FILTER RC(PI) 50 OHM/37PF SMD In stock: Out stock</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>	 <p><b>VEMI355A-HA3-GS08</b> Manufacturers: Electro-Films (EFI) / Vishay Description: FILTER RC(PI) 50 OHM/37PF SMD In stock: Out stock</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>
 <p><b>VEMD8080</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: PHOTODIODE SILICON PIN SMD In stock: Out stock</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>	 <p><b>VEMD6060X01</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: PHOTODIODE PIN 820NW SMD In stock: Out stock</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>
 <p><b>VEMI353A-HA3-GS08</b> Manufacturers: Electro-Films (EFI) / Vishay Description: FILTER RC(PI) 30 OHM/37PF SMD In stock: Out stock</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>	 <p><b>VEMD6110X01</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: PHOTODIODE SILICON PIN SMD In stock: Out stock</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>