

VO4257D-X006 Information



For Reference Only

Part Number VO4257D-X006

Manufacturer Vishay Semiconductor Opto Division

Category Isolators

Optoisolators - Triac, SCR Output

Description OPTOISOLATOR 5.3KV TRIAC 6DIP

Package 6-DIP (0.400", 10.16mm)

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

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.









VO4257D-X006 Specifications

Manufacturer Part Number VO4257D-X006 Manufacturer Vishay Semiconductor Opto Division Category Isolators Package 6-DIP (0.400", 10.16mm) Series - Output Type Triac Zero Crossing Circuit No Number of Channels 1 Voltage - Isolation 5300Vrms Voltage - Off State 700V Static dV/dt (Min) 5kV/µs Current - LED Trigger (Ift) (Max) 1.6mA Current - On State (It (RMS)) (Max) 300mA Current - Hold (Ih) - Turn On Time - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If (Max) 60mA Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 6-DIP (0.40", 10.16mm) Supplier Device Package 6-DIP Approvals BSI, cUR, FIMKO, UR	*	
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Series - Output Type Triac Zero Crossing Circuit No Number of Channels 1 Voltage - Isolation 5300Vrms Voltage - Off State 700V Static dV/dt (Min) 5kV/µs Current - LED Trigger (Ift) (Max) 1.6mA Current - On State (It (RMS)) (Max) 300mA Current - Hold (Ih) - Turn On Time - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 6-DIP (0.400", 10.16mm) Supplier Device Package 6-DIP Approvals BSI, cUR, FIMKO, UR		Optoisolators - Triac, SCR Output
Output TypeTriacZero Crossing CircuitNoNumber of Channels1Voltage - Isolation5300VrmsVoltage - Off State700VStatic dV/dt (Min)5kV/μsCurrent - LED Trigger (Ift) (Max)1.6mACurrent - On State (It (RMS)) (Max)300mACurrent - Hold (Ih)-Turn On Time-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)ApprovalsBSI, cUR, FIMKO, UR	Package	6-DIP (0.400", 10.16mm)
Zero Crossing Circuit No Number of Channels 1 Voltage - Isolation 5300Vrms Voltage - Off State 700V Static dV/dt (Min) 5kV/µs Current - LED Trigger (Ift) (Max) 1.6mA Current - On State (It (RMS)) (Max) 300mA Current - Hold (Ih) - Turn On Time - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 6-DIP (0.400", 10.16mm) Supplier Device Package 6-DIP Approvals BSI, cUR, FIMKO, UR	Series	-
Number of Channels1Voltage - Isolation5300VrmsVoltage - Off State700VStatic dV/dt (Min)5kV/μsCurrent - LED Trigger (Ift) (Max)1.6mACurrent - On State (It (RMS)) (Max)300mACurrent - Hold (Ih)-Turn On Time-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIPApprovalsBSI, cUR, FIMKO, UR	Output Type	Triac
Voltage - Isolation Voltage - Off State 700V Static dV/dt (Min) 5kV/µs Current - LED Trigger (Ift) (Max) 1.6mA Current - On State (It (RMS)) (Max) 300mA Current - Hold (Ih) - Turn On Time Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 6-DIP (0.400", 10.16mm) Supplier Device Package Approvals 5300Vrms 700V 60MA 1.6mA 300mA 60mA 6-DIP (0.400", 10.16mm) 8-DIP (0.400", 10.16mm) BSI, cUR, FIMKO, UR	Zero Crossing Circuit	No
Voltage - Off State700VStatic dV/dt (Min)5kV/μsCurrent - LED Trigger (Ift) (Max)1.6mACurrent - On State (It (RMS)) (Max)300mACurrent - Hold (Ih)-Turn On Time-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIPApprovalsBSI, cUR, FIMKO, UR	Number of Channels	1
Static dV/dt (Min) Current - LED Trigger (Ift) (Max) 1.6mA 300mA Current - On State (It (RMS)) (Max) 300mA Current - Hold (Ih) - Turn On Time - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 6-DIP (0.400", 10.16mm) Supplier Device Package Approvals BSI, cUR, FIMKO, UR	Voltage - Isolation	5300Vrms
Current - LED Trigger (Ift) (Max) Current - On State (It (RMS)) (Max) 300mA Current - Hold (Ih) Turn On Time Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If (Max) Operating Temperature Mounting Type Through Hole Package / Case 6-DIP (0.400", 10.16mm) Supplier Device Package Approvals 1.6mA 1.6mA 1.6mA 1.6mA 1.6mA 1.6mA 1.6mA 1.6mA 1.70mA 1.2V 1.2	Voltage - Off State	700V
Current - On State (It (RMS)) (Max) Current - Hold (Ih) Turn On Time Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) Operating Temperature Mounting Type Through Hole Package / Case 6-DIP (0.400", 10.16mm) Supplier Device Package Approvals BSI, cUR, FIMKO, UR	Static dV/dt (Min)	5kV/μs
Current - Hold (Ih) Turn On Time Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 6-DIP (0.400", 10.16mm) Supplier Device Package Approvals BSI, cUR, FIMKO, UR	Current - LED Trigger (Ift) (Max)	1.6mA
Turn On Time Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 6-DIP (0.400", 10.16mm) Supplier Device Package Approvals BSI, cUR, FIMKO, UR	Current - On State (It (RMS)) (Max)	300mA
Voltage - Forward (Vf) (Typ) Current - DC Forward (If) (Max) Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 6-DIP (0.400", 10.16mm) Supplier Device Package Approvals BSI, cUR, FIMKO, UR	Current - Hold (Ih)	-
Current - DC Forward (If) (Max) Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 6-DIP (0.400", 10.16mm) Supplier Device Package Approvals BSI, cUR, FIMKO, UR	Turn On Time	-
Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 6-DIP (0.400", 10.16mm) Supplier Device Package Approvals BSI, cUR, FIMKO, UR	Voltage - Forward (Vf) (Typ)	1.2V
Mounting Type Through Hole Package / Case 6-DIP (0.400", 10.16mm) Supplier Device Package 6-DIP Approvals BSI, cUR, FIMKO, UR	Current - DC Forward (If) (Max)	60mA
Package / Case 6-DIP (0.400", 10.16mm) Supplier Device Package 6-DIP Approvals BSI, cUR, FIMKO, UR	Operating Temperature	-55°C ~ 100°C
Supplier Device Package 6-DIP Approvals BSI, cUR, FIMKO, UR	Mounting Type	Through Hole
Approvals BSI, cUR, FIMKO, UR	Package / Case	6-DIP (0.400", 10.16mm)
	Supplier Device Package	6-DIP
Report errors?	Approvals	BSI, cUR, FIMKO, UR
		Report errors?

VO4257D-X006 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.

VO4257D-X006 Payment Methods



















VO4257D-X006 Shipping Methods













If you have any question about VO4257D-X006, please do not hesitate to contact us!

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