

### VS-150U100D Information



For Reference Only

Part Number VS-150U100D

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 1KV 150A DO205

Package DO-205AA, DO-8, Stud

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**

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# VS-150U100D Specifications

Manufacturer Part NumberVS-150U100DManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-205AA, DO-8, StudSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)150AVoltage - Forward (Vf) (Max) @ If1.47V @ 600ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr15mA @ 1000VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-205AA, DO-8, StudSupplier Device PackageDO-205AA (DO-8)Operating Temperature - Junction-40°C ~ 180°C		
Discrete Semiconductor Products Diodes - Rectifiers - Single  Package DO-205AA, DO-8, Stud Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 1000V Current - Average Rectified (Io) 150A Voltage - Forward (Vf) (Max) @ If 1.47V @ 600A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 15mA @ 1000V Capacitance @ Vr, F  Mounting Type Chassis, Stud Mount Package / Case DO-205AA, DO-8, Stud Supplier Device Package DO-205AA (DO-8) Operating Temperature - Junction  DO-205AA (DO-8)  - 40°C ~ 180°C	Manufacturer Part Number	VS-150U100D
Diodes - Rectifiers - Single  DO-205AA, DO-8, Stud  Series  - Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  Operating Temperature - Junction  DO-205AA (DO-8)  Operating Temperature - Junction	Manufacturer	Vishay Semiconductor Diodes Division
Package DO-205AA, DO-8, Stud  Series - Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 1000V  Current - Average Rectified (Io) 150A  Voltage - Forward (Vf) (Max) @ If 1.47V @ 600A  Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 15mA @ 1000V  Capacitance @ Vr, F -  Mounting Type Chassis, Stud Mount  Package / Case DO-205AA, DO-8, Stud  Supplier Device Package DO-205AA (DO-8)  Operating Temperature - Junction -40°C ~ 180°C	Category	Discrete Semiconductor Products
Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  1.47V @ 600A  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  Operating Temperature - Junction  -  Standard  1.47V @ 600A  1.47V @		Diodes - Rectifiers - Single
Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  1000V  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  15mA @ 1000V  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  DO-205AA (DO-8)  Operating Temperature - Junction	Package	DO-205AA, DO-8, Stud
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  1.47V @ 600A  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  15mA @ 1000V  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  DO-205AA (DO-8)  Operating Temperature - Junction	Series	-
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  15mA @ 1000V  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  Operating Temperature - Junction  150A  1.47V @ 600A  Standard Recovery >500ns, > 200mA (Io)  - Chassis, Stud Mount  DO-205AA (DO-8)  -40°C ~ 180°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  15mA @ 1000V  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  DO-205AA (DO-8)  Operating Temperature - Junction	Voltage - DC Reverse (Vr) (Max)	1000V
Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr) -  Current - Reverse Leakage @ Vr 15mA @ 1000V  Capacitance @ Vr, F -  Mounting Type Chassis, Stud Mount  Package / Case DO-205AA, DO-8, Stud  Supplier Device Package DO-205AA (DO-8)  Operating Temperature - Junction -40°C ~ 180°C	Current - Average Rectified (Io)	150A
Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  15mA @ 1000V  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  DO-205AA (DO-8)  Operating Temperature - Junction  -40°C ~ 180°C	Voltage - Forward (Vf) (Max) @ If	1.47V @ 600A
Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Chassis, Stud Mount  Package / Case  DO-205AA, DO-8, Stud  Supplier Device Package  DO-205AA (DO-8)  Operating Temperature - Junction	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F -  Mounting Type Chassis, Stud Mount  Package / Case DO-205AA, DO-8, Stud  Supplier Device Package DO-205AA (DO-8)  Operating Temperature - Junction -40°C ~ 180°C	Reverse Recovery Time (trr)	-
Mounting Type Chassis, Stud Mount  Package / Case DO-205AA, DO-8, Stud  Supplier Device Package DO-205AA (DO-8)  Operating Temperature - Junction -40°C ~ 180°C	Current - Reverse Leakage @ Vr	15mA @ 1000V
Package / Case DO-205AA, DO-8, Stud Supplier Device Package DO-205AA (DO-8) Operating Temperature - Junction -40°C ~ 180°C	Capacitance @ Vr, F	-
Supplier Device Package DO-205AA (DO-8)  Operating Temperature - Junction -40°C ~ 180°C	Mounting Type	Chassis, Stud Mount
Operating Temperature - Junction -40°C ~ 180°C	Package / Case	DO-205AA, DO-8, Stud
	Supplier Device Package	DO-205AA (DO-8)
Report errors?	Operating Temperature - Junction	-40°C ~ 180°C
		Report errors?

#### VS-150U100D 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.

## VS-150U100D Payment Methods



















### **VS-150U100D Shipping Methods**













If you have any question about VS-150U100D, please do not hesitate to contact us!

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