



## VS-ST1200C16K1L Information



For Reference Only

Part Number VS-ST1200C16K1L

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Thyristors - SCRs

**Description** SCR 1600V 3080A K-PUK **Package** TO-200AC, K-PUK, A-24

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-ST1200C16K1L Specifications

Manufacturer Part Number  Manufacturer  Vishay Semiconductor Diodes Division  Discrete Semiconductor Products  Thyristors - SCRs  Package  TO-200AC, K-PUK, A-24  Series  Voltage - Off State  1600V  Voltage - Gate Trigger (Vgt) (Max)  Current - Gate Trigger (Igt) (Max)  Voltage - On State (Vtm) (Max)  1.73V  Current - On State (It (AV)) (Max)  Current - On State (It (RMS)) (Max)  Current - Hold (Ih) (Max)  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Operating Temperature  A0°C ~ 125°C  Mounting Type  Chassis Mount  Package / Case  TO-200AC, K-PUK, A-24		
Category  Discrete Semiconductor Products Thyristors - SCRs  Package TO-200AC, K-PUK, A-24  Series - Voltage - Off State 1600V  Voltage - Gate Trigger (Vgt) (Max) 200mA  Voltage - On State (Vtm) (Max) 1.73V  Current - On State (It (AV)) (Max) 1650A  Current - On State (It (RMS)) (Max) 3080A  Current - Hold (Ih) (Max) Current - Off State (Max)  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis Mount	Manufacturer Part Number	VS-ST1200C16K1L
Thyristors - SCRs  Package TO-200AC, K-PUK, A-24  Series - Voltage - Off State 1600V  Voltage - Gate Trigger (Vgt) (Max) 200mA  Voltage - On State (Vtm) (Max) 1.73V  Current - On State (It (AV)) (Max) 1650A  Current - On State (It (RMS)) (Max) 3080A  Current - Hold (Ih) (Max) Current - Off State (Max) 100mA  Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C  Mounting Type Chassis Mount	Manufacturer	Vishay Semiconductor Diodes Division
Package  Series  - Voltage - Off State  1600V  Voltage - Gate Trigger (Vgt) (Max)  Current - Gate Trigger (Igt) (Max)  Voltage - On State (Vtm) (Max)  Current - On State (It (AV)) (Max)  Current - On State (It (RMS)) (Max)  Current - On State (It (RMS)) (Max)  Current - On State (It (RMS)) (Max)  Current - Hold (Ih) (Max)  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Chassis Mount	Category	Discrete Semiconductor Products
Series - Colored State - 1600V  Voltage - Gate Trigger (Vgt) (Max) 3V  Current - Gate Trigger (Igt) (Max) 200mA  Voltage - On State (Vtm) (Max) 1.73V  Current - On State (It (AV)) (Max) 1650A  Current - On State (It (RMS)) (Max) 3080A  Current - Hold (Ih) (Max) 600mA  Current - Off State (Max) 100mA  Current - Non Rep. Surge 50, 60Hz (Itsm) 25700A, 26900A  SCR Type Standard Recovery  Operating Temperature -40°C ~ 125°C  Mounting Type Chassis Mount		Thyristors - SCRs
Voltage - Off State  Voltage - Gate Trigger (Vgt) (Max)  Current - Gate Trigger (Igt) (Max)  Voltage - On State (Vtm) (Max)  200mA  Voltage - On State (Vtm) (Max)  1.73V  Current - On State (It (AV)) (Max)  Current - On State (It (RMS)) (Max)  3080A  Current - Hold (Ih) (Max)  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Standard Recovery  Operating Temperature  40°C ~ 125°C  Mounting Type  Chassis Mount	Package	TO-200AC, K-PUK, A-24
Voltage - Gate Trigger (Vgt) (Max)  Current - Gate Trigger (Igt) (Max)  Voltage - On State (Vtm) (Max)  1.73V  Current - On State (It (AV)) (Max)  Current - On State (It (RMS)) (Max)  Current - Hold (Ih) (Max)  Current - Hold (Ih) (Max)  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Standard Recovery  Operating Temperature  40°C ~ 125°C  Mounting Type  Standard Maximum  Chassis Mount	Series	-
Current - Gate Trigger (Igt) (Max)  Voltage - On State (Vtm) (Max)  1.73V  Current - On State (It (AV)) (Max)  Current - On State (It (RMS)) (Max)  Current - Hold (Ih) (Max)  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Chassis Mount	Voltage - Off State	1600V
Voltage - On State (Vtm) (Max)  Current - On State (It (AV)) (Max)  Current - On State (It (RMS)) (Max)  Current - Hold (Ih) (Max)  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  State (Max)  1.73V  1.73V  1.73V  1.650A  3080A  100mA  Current - Off State (Max)  25700A, 26900A  Standard Recovery  Chassis Mount	Voltage - Gate Trigger (Vgt) (Max)	3V
Current - On State (It (AV)) (Max)  Current - On State (It (RMS)) (Max)  Current - Hold (Ih) (Max)  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Chassis Mount	Current - Gate Trigger (Igt) (Max)	200mA
Current - On State (It (RMS)) (Max)  Current - Hold (Ih) (Max)  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Standard Recovery  Chassis Mount	Voltage - On State (Vtm) (Max)	1.73V
Current - Hold (Ih) (Max) 600mA  Current - Off State (Max) 100mA  Current - Non Rep. Surge 50, 60Hz (Itsm) 25700A, 26900A  SCR Type Standard Recovery  Operating Temperature -40°C ~ 125°C  Mounting Type Chassis Mount	Current - On State (It (AV)) (Max)	1650A
Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Chassis Mount	Current - On State (It (RMS)) (Max)	3080A
Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Chassis Mount	Current - Hold (Ih) (Max)	600mA
SCR TypeStandard RecoveryOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeChassis Mount	Current - Off State (Max)	100mA
Operating Temperature -40°C ~ 125°C  Mounting Type Chassis Mount	Current - Non Rep. Surge 50, 60Hz (Itsm)	25700A, 26900A
Mounting Type Chassis Mount	SCR Type	Standard Recovery
	Operating Temperature	-40°C ~ 125°C
Package / Case TO-200AC, K-PUK, A-24	Mounting Type	Chassis Mount
•	Package / Case	TO-200AC, K-PUK, A-24
Supplier Device Package A-24 (K-Puk)	Supplier Device Package	A-24 (K-Puk)
Report errors?		Report errors?

#### VS-ST1200C16K1L 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-ST1200C16K1L Payment Methods



















# VS-ST1200C16K1L Shipping Methods













If you have any question about VS-ST1200C16K1L, please do not hesitate to contact us!

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