



### VS-ST1000C22K1L Information



For Reference Only

Part Number VS-ST1000C22K1L

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Thyristors - SCRs

**Description**SCR 2200V 2913A 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**

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.









## VS-ST1000C22K1L Specifications

Manufacturer Part Number         VS-ST1000C22K1L           Manufacturer         Vishay Semiconductor Diodes Division           Category         Discrete Semiconductor Products           Thyristors - SCRs           Package         TO-200AC, K-PUK, A-24           Series         -           Voltage - Off State         2200V           Voltage - Gate Trigger (Vgt) (Max)         3V           Current - Gate Trigger (Igt) (Max)         200mA           Voltage - On State (Vtm) (Max)         1.8V           Current - On State (It (AV)) (Max)         1473A           Current - On State (It (RMS)) (Max)         2913A           Current - Hold (Ih) (Max)         600mA           Current - Non Rep. Surge 50, 60Hz (Itsm)         17000A, 18100A           SCR Type         Standard Recovery           Operating Temperature         -40°C ~ 125°C           Mounting Type         Chassis Mount           Package / Case         TO-200AC, K-PUK, A-24           Supplier Device Package         A-24 (K-Puk)		
Category  Discrete Semiconductor Products Thyristors - SCRs  Package TO-200AC, K-PUK, A-24  Series - Voltage - Off State 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 - Hold (Ih) (Max)  Current - Hold (Ih) (Max)  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type Standard Recovery Operating Temperature  Mounting Type Chassis Mount Package / Case TO-200AC, K-PUK, A-24  Supplier Device Package  A-24 (K-Puk)	Manufacturer Part Number	VS-ST1000C22K1L
Thyristors - SCRs  Package TO-200AC, K-PUK, A-24  Series - Voltage - Off State Voltage - Gate Trigger (Vgt) (Max)  Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max)  Current - On State (Vtm) (Max)  1.8V  Current - On State (It (AV)) (Max)  1473A  Current - On State (It (RMS)) (Max)  2913A  Current - Hold (Ih) (Max)  600mA  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 Package / Case TO-200AC, K-PUK, A-24  Supplier Device Package A-24 (K-Puk)	Manufacturer	Vishay Semiconductor Diodes Division
PackageTO-200AC, K-PUK, A-24Series-Voltage - Off State2200VVoltage - Gate Trigger (Vgt) (Max)3VCurrent - Gate Trigger (Igt) (Max)200mAVoltage - On State (Vtm) (Max)1.8VCurrent - On State (It (AV)) (Max)1473ACurrent - On State (It (RMS)) (Max)2913ACurrent - Hold (Ih) (Max)600mACurrent - Off State (Max)100mACurrent - Non Rep. Surge 50, 60Hz (Itsm)17000A, 18100ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeChassis MountPackage / CaseTO-200AC, K-PUK, A-24Supplier Device PackageA-24 (K-Puk)	Category	Discrete Semiconductor Products
Series - Current - Gate Trigger (Vgt) (Max) 200mA  Current - On State (It (AV)) (Max) 1473A  Current - On State (It (RMS)) (Max) 2913A  Current - Hold (Ih) (Max) 600mA  Current - Off State (Max) 100mA  Current - Non Rep. Surge 50, 60Hz (Itsm) 17000A, 18100A  SCR Type Standard Recovery  Operating Temperature -40°C ~ 125°C  Mounting Type Chassis Mount  Package / Case TO-200AC, K-PUK, A-24  Supplier Device Package A-24 (K-Puk)		Thyristors - SCRs
Voltage - Off State  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 - 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  Chassis Mount  Package / Case  TO-200AC, K-PUK, A-24  Supplier Device Package	Package	TO-200AC, K-PUK, A-24
Voltage - Gate Trigger (Vgt) (Max)  Current - Gate Trigger (Igt) (Max)  Voltage - On State (Vtm) (Max)  1.8V  Current - On State (It (AV)) (Max)  Current - On State (It (RMS)) (Max)  Current - On State (It (RMS)) (Max)  Current - Hold (Ih) (Max)  Current - Off State (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  Package / Case  TO-200AC, K-PUK, A-24  Supplier Device Package  A-24 (K-Puk)	Series	-
Current - Gate Trigger (Igt) (Max)  Voltage - On State (Vtm) (Max)  1.8V  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  Chassis Mount  Package / Case  TO-200AC, K-PUK, A-24  Supplier Device Package  A-24 (K-Puk)	Voltage - Off State	2200V
Voltage - On State (Vtm) (Max)  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  Chassis Mount  Package / Case  TO-200AC, K-PUK, A-24  Supplier Device Package  A-24 (K-Puk)	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 - Off State (Max)  100mA  Current - Non Rep. Surge 50, 60Hz (Itsm)  17000A, 18100A  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Chassis Mount  Package / Case  TO-200AC, K-PUK, A-24  Supplier Device Package  A-24 (K-Puk)	Current - Gate Trigger (Igt) (Max)	200mA
Current - On State (It (RMS)) (Max)  Current - Hold (Ih) (Max)  600mA  Current - Off State (Max)  100mA  Current - Non Rep. Surge 50, 60Hz (Itsm)  17000A, 18100A  SCR Type  Standard Recovery  Operating Temperature  -40°C ~ 125°C  Mounting Type  Chassis Mount  Package / Case  TO-200AC, K-PUK, A-24  Supplier Device Package  A-24 (K-Puk)	Voltage - On State (Vtm) (Max)	1.8V
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Mounting Type Chassis Mount Package / Case TO-200AC, K-PUK, A-24 Supplier Device Package A-24 (K-Puk)	SCR Type	Standard Recovery
Package / Case TO-200AC, K-PUK, A-24 Supplier Device Package A-24 (K-Puk)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package A-24 (K-Puk)	Mounting Type	Chassis Mount
	Package / Case	TO-200AC, K-PUK, A-24
Domont owners?	Supplier Device Package	A-24 (K-Puk)
Report errors?		Report errors?

#### VS-ST1000C22K1L 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-ST1000C22K1L Payment Methods



















# VS-ST1000C22K1L Shipping Methods













If you have any question about VS-ST1000C22K1L, please do not hesitate to contact us!

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