

VS-ST110S16P1PBF

VS-ST110S16P1PBF Information

Heisener.com

Part Number VS-ST110S16P1PBF

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Thyristors - SCRs

Description SCR 1600V 175A TO-94 **Package** TO-209AC, TO-94-4, Stud

For the pricing/inventory/lead time, please contact

us

For Reference Only

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

: 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-ST110S16P1PBF Specifications

Manufacturer Part Number Manufacturer Vishay Semiconductor Diodes Division Discrete Semiconductor Products Thyristors - SCRs Package TO-209AC, TO-94-4, Stud Series Voltage - Off State Voltage - Gate Trigger (Vgt) (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 A0°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94)		
CategoryDiscrete Semiconductor ProductsPackageTO-209AC, TO-94-4, StudSeries-Voltage - Off State1600VVoltage - Gate Trigger (Vgt) (Max)3VCurrent - Gate Trigger (Igt) (Max)150mAVoltage - On State (Vtm) (Max)1.52VCurrent - On State (It (AV)) (Max)110ACurrent - On State (It (RMS)) (Max)175ACurrent - Hold (Ih) (Max)600mACurrent - Off State (Max)20mACurrent - Non Rep. Surge 50, 60Hz (Itsm)2270A, 2380ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeChassis, Stud MountPackage / CaseTO-209AC, TO-94-4, StudSupplier Device PackageTO-209AC (TO-94)	Manufacturer Part Number	VS-ST110S16P1PBF
Package TO-209AC, TO-94-4, Stud Series - Voltage - Off State 1600V Voltage - Gate Trigger (Vgt) (Max) 3V Current - Gate Trigger (Igt) (Max) 150mA Voltage - On State (Vtm) (Max) 1.52V Current - On State (It (AV)) (Max) 110A Current - On State (It (RMS)) (Max) 175A Current - Hold (Ih) (Max) 600mA Current - Off State (Max) 20mA Current - Non Rep. Surge 50, 60Hz (Itsm) 2270A, 2380A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94)	Manufacturer	Vishay Semiconductor Diodes Division
PackageTO-209AC, TO-94-4, StudSeries-Voltage - Off State1600VVoltage - Gate Trigger (Vgt) (Max)3VCurrent - Gate Trigger (Igt) (Max)150mAVoltage - On State (Vtm) (Max)1.52VCurrent - On State (It (AV)) (Max)110ACurrent - On State (It (RMS)) (Max)175ACurrent - Hold (Ih) (Max)600mACurrent - Off State (Max)20mACurrent - Non Rep. Surge 50, 60Hz (Itsm)2270A, 2380ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeChassis, Stud MountPackage / CaseTO-209AC, TO-94-4, StudSupplier Device PackageTO-209AC (TO-94)	Category	Discrete Semiconductor Products
Series - 1600V Voltage - Off State 1600V Voltage - Gate Trigger (Vgt) (Max) 3V Current - Gate Trigger (Igt) (Max) 150mA Voltage - On State (Vtm) (Max) 1.52V Current - On State (It (AV)) (Max) 110A Current - On State (It (RMS)) (Max) 175A Current - Hold (Ih) (Max) 600mA Current - Off State (Max) 20mA Current - Non Rep. Surge 50, 60Hz (Itsm) 2270A, 2380A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package		Thyristors - SCRs
Voltage - Off State Voltage - Gate Trigger (Vgt) (Max) Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) 1.50mA Voltage - On State (Vtm) (Max) 1.52V Current - On State (It (AV)) (Max) 110A Current - On State (It (RMS)) (Max) 175A Current - Hold (Ih) (Max) 600mA Current - Off State (Max) 20mA Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94)	Package	TO-209AC, TO-94-4, Stud
Voltage - Gate Trigger (Vgt) (Max) Current - Gate Trigger (Igt) (Max) 150mA Voltage - On State (Vtm) (Max) 1.52V Current - On State (It (AV)) (Max) 110A Current - On State (It (RMS)) (Max) 175A Current - Hold (Ih) (Max) 600mA Current - Off State (Max) 20mA Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature 40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package	Series	-
Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) 1.52V Current - On State (It (AV)) (Max) 110A Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) 600mA Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 2270A, 2380A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94)	Voltage - Off State	1600V
Voltage - On State (Vtm) (Max) Current - On State (It (AV)) (Max) 110A Current - On State (It (RMS)) (Max) 175A Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 2270A, 2380A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94)	Voltage - Gate Trigger (Vgt) (Max)	3V
Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) 175A Current - Hold (Ih) (Max) 600mA Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 2270A, 2380A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94)	Current - Gate Trigger (Igt) (Max)	150mA
Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) 600mA Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94)	Voltage - On State (Vtm) (Max)	1.52V
Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 2270A, 2380A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package	Current - On State (It (AV)) (Max)	110A
Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 2270A, 2380A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94)	Current - On State (It (RMS)) (Max)	175A
Current - Non Rep. Surge 50, 60Hz (Itsm) 2270A, 2380A SCR Type Standard Recovery -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94)	Current - Hold (Ih) (Max)	600mA
SCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeChassis, Stud MountPackage / CaseTO-209AC, TO-94-4, StudSupplier Device PackageTO-209AC (TO-94)	Current - Off State (Max)	20mA
Operating Temperature -40°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94)	Current - Non Rep. Surge 50, 60Hz (Itsm)	2270A, 2380A
Mounting Type Chassis, Stud Mount Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94)	SCR Type	Standard Recovery
Package / Case TO-209AC, TO-94-4, Stud Supplier Device Package TO-209AC (TO-94)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package TO-209AC (TO-94)	Mounting Type	Chassis, Stud Mount
, , ,	Package / Case	TO-209AC, TO-94-4, Stud
Report errors?	Supplier Device Package	TO-209AC (TO-94)
		Report errors?

VS-ST110S16P1PBF 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-ST110S16P1PBF Payment Methods



















VS-ST110S16P1PBF Shipping Methods













If you have any question about VS-ST110S16P1PBF, please do not hesitate to contact us!

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