

VS-10RIA80 Information



For Reference Only

Part Number VS-10RIA80

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Thyristors - SCRs

Description SCR 800V 10A TO-48 **Package** TO-208AA, TO-48-3, 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

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-10RIA80 Specifications

Manufacturer Part Number VS-10R1A80 Manufacturer Vishay Semiconductor Diodes Division Category Discrete Semiconductor Products Thyristors - SCRs Package TO-208AA, TO-48-3, Stud Series - Voltage - Off State 800V Voltage - Gate Trigger (Vgt) (Max) 2V Current - Gate Trigger (Igt) (Max) 60mA Voltage - On State (Vtm) (Max) 1.75V Current - On State (It (AV)) (Max) 10A Current - On State (It (RMS)) (Max) 25A Current - Hold (Ih) (Max) 130mA Current - Non Rep. Surge 50, 60Hz (Itsm) 225A, 240A SCR Type Standard Recovery Operating Temperature -65°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-208AA, TO-48-3, Stud Supplier Device Package TO-208AA (TO-48)		
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Series - Voltage - Off State 800V Voltage - Gate Trigger (Vgt) (Max) 2V Current - Gate Trigger (Igt) (Max) 60mA Voltage - On State (Vtm) (Max) 1.75V Current - On State (It (AV)) (Max) 10A Current - On State (It (RMS)) (Max) 25A Current - Hold (Ih) (Max) 130mA Current - Off State (Max) 10mA Current - Non Rep. Surge 50, 60Hz (Itsm) 225A, 240A SCR Type Standard Recovery Operating Temperature -65°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-208AA, TO-48-3, Stud Supplier Device Package		Thyristors - SCRs
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Voltage - Gate Trigger (Vgt) (Max) Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) 1.75V Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) 130mA Current - Off State (Max) 10mA Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature Operating Temperature -65°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-208AA, TO-48-3, Stud Supplier Device Package	Series	-
Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) 1.75V Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) 130mA Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 225A, 240A SCR Type Standard Recovery Operating Temperature -65°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-208AA, TO-48-3, Stud Supplier Device Package TO-208AA (TO-48)	Voltage - Off State	800V
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 -65°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-208AA, TO-48-3, Stud Supplier Device Package TO-208AA (TO-48)	Voltage - Gate Trigger (Vgt) (Max)	2V
Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) Current - Off State (Max) Current - Off State (Max) 10mA Current - Non Rep. Surge 50, 60Hz (Itsm) 225A, 240A SCR Type Standard Recovery Operating Temperature -65°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-208AA, TO-48-3, Stud Supplier Device Package	Current - Gate Trigger (Igt) (Max)	60mA
Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) 130mA Current - Off State (Max) 10mA Current - Non Rep. Surge 50, 60Hz (Itsm) 225A, 240A SCR Type Standard Recovery Operating Temperature -65°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-208AA, TO-48-3, Stud Supplier Device Package TO-208AA (TO-48)	Voltage - On State (Vtm) (Max)	1.75V
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Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 225A, 240A SCR Type Standard Recovery Operating Temperature -65°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-208AA, TO-48-3, Stud Supplier Device Package	Current - On State (It (RMS)) (Max)	25A
Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature -65°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-208AA, TO-48-3, Stud Supplier Device Package TO-208AA (TO-48)	Current - Hold (Ih) (Max)	130mA
SCR Type Standard Recovery Operating Temperature -65°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-208AA, TO-48-3, Stud Supplier Device Package TO-208AA (TO-48)	Current - Off State (Max)	10mA
Operating Temperature -65°C ~ 125°C Mounting Type Chassis, Stud Mount Package / Case TO-208AA, TO-48-3, Stud Supplier Device Package TO-208AA (TO-48)	Current - Non Rep. Surge 50, 60Hz (Itsm)	225A, 240A
Mounting Type Chassis, Stud Mount Package / Case TO-208AA, TO-48-3, Stud Supplier Device Package TO-208AA (TO-48)	SCR Type	Standard Recovery
Package / Case TO-208AA, TO-48-3, Stud Supplier Device Package TO-208AA (TO-48)	Operating Temperature	-65°C ~ 125°C
Supplier Device Package TO-208AA (TO-48)	Mounting Type	Chassis, Stud Mount
	Package / Case	TO-208AA, TO-48-3, Stud
Domont owners?	Supplier Device Package	TO-208AA (TO-48)
Report errors?		Report errors?

VS-10RIA80 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-10RIA80 Payment Methods



















VS-10RIA80 Shipping Methods













If you have any question about VS-10RIA80, please do not hesitate to contact us!

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