



# **T507104084AQ Information**

Heisener.com

Part Number T507104084AQ Manufacturer Powerex Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

**Description** SCR INV STUD 40A 1000V 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



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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.









# **T507104084AQ Specifications**

Manufacturer Part Number       T507104084AQ         Manufacturer       Powerex Inc.         Category       Discrete Semiconductor Products         Thyristors - SCRs         Package       TO-209AC, TO-94-4, Stud         Series       -         Voltage - Off State       1000V         Voltage - Gate Trigger (Vgt) (Max)       3V         Current - Gate Trigger (Igt) (Max)       150mA         Voltage - On State (Vtm) (Max)       4.2V         Current - On State (It (AV)) (Max)       40A         Current - On State (It (RMS)) (Max)       63A         Current - Hold (Ih) (Max)       -         Current - Off State (Max)       15mA         Current - Non Rep. Surge 50, 60Hz (Itsm)       1000A @ 60Hz         SCR Type       Standard Recovery         Operating Temperature       -40°C ~ 125°C		
Category  Discrete Semiconductor Products Thyristors - SCRs  Package TO-209AC, TO-94-4, Stud  Series  Voltage - Off State 1000V  Voltage - Gate Trigger (Vgt) (Max)  Current - Gate Trigger (Igt) (Max) 150mA  Voltage - On State (Vtm) (Max) 4.2V  Current - On State (It (AV)) (Max)  Current - On State (It (RMS)) (Max)  Current - Off State (It (RMS)) (Max)  Current - Hold (Ih) (Max)  -  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Standard Recovery	Manufacturer Part Number	T507104084AQ
Thyristors - SCRs Package TO-209AC, TO-94-4, Stud Series - Voltage - Off State 1000V Voltage - Gate Trigger (Vgt) (Max) Current - Gate Trigger (Igt) (Max) Voltage - On State (Vtm) (Max) 4.2V 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) SCR Type Standard Recovery	Manufacturer	Powerex Inc.
Package TO-209AC, TO-94-4, Stud  Series - Voltage - Off State 1000V  Voltage - Gate Trigger (Vgt) (Max) 3V  Current - Gate Trigger (Igt) (Max) 150mA  Voltage - On State (Vtm) (Max) 4.2V  Current - On State (It (AV)) (Max) 40A  Current - On State (It (RMS)) (Max) 63A  Current - Hold (Ih) (Max) -  Current - Off State (Max) 15mA  Current - Non Rep. Surge 50, 60Hz (Itsm) 1000A @ 60Hz  SCR Type Standard Recovery	Category	Discrete Semiconductor Products
Series         -           Voltage - Off State         1000V           Voltage - Gate Trigger (Vgt) (Max)         3V           Current - Gate Trigger (Igt) (Max)         150mA           Voltage - On State (Vtm) (Max)         4.2V           Current - On State (It (AV)) (Max)         40A           Current - On State (It (RMS)) (Max)         63A           Current - Hold (Ih) (Max)         -           Current - Off State (Max)         15mA           Current - Non Rep. Surge 50, 60Hz (Itsm)         1000A @ 60Hz           SCR Type         Standard Recovery		Thyristors - SCRs
Voltage - Off State  Voltage - Gate Trigger (Vgt) (Max)  Current - Gate Trigger (Igt) (Max)  Voltage - On State (Vtm) (Max)  150mA  Voltage - On State (Vtm) (Max)  4.2V  Current - On State (It (AV)) (Max)  Current - On State (It (RMS)) (Max)  Current - Hold (Ih) (Max)  - Current - Off State (Max)  Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Standard Recovery	Package	TO-209AC, TO-94-4, Stud
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 - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  3V  4.2V  4.2V  4.2V  63A  Current - Hold (Ih) (Max)  -  Current - State (Max)  15mA  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Standard Recovery	Series	-
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 - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  150mA  4.2V  40A	Voltage - Off State	1000V
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  4.2V  4.2V  4.2V  4.2V  40A  63A  Current - Hold (Ih) (Max)  -  Current - State (Max)  15mA  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  Standard Recovery	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  40A  63A  - 15mA  1000A @ 60Hz  Standard Recovery	Current - Gate Trigger (Igt) (Max)	150mA
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	Voltage - On State (Vtm) (Max)	4.2V
Current - Hold (Ih) (Max) - Current - Off State (Max) 15mA Current - Non Rep. Surge 50, 60Hz (Itsm) 1000A @ 60Hz SCR Type Standard Recovery	Current - On State (It (AV)) (Max)	40A
Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  15mA  1000A @ 60Hz  Standard Recovery	Current - On State (It (RMS)) (Max)	63A
Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  1000A @ 60Hz  Standard Recovery	Current - Hold (Ih) (Max)	-
SCR Type Standard Recovery	Current - Off State (Max)	15mA
	Current - Non Rep. Surge 50, 60Hz (Itsm)	1000A @ 60Hz
Operating Temperature -40°C ~ 125°C	SCR Type	Standard Recovery
operating temperature	Operating Temperature	-40°C ~ 125°C
Mounting Type Stud Mount	Mounting Type	Stud Mount
Package / Case TO-209AC, TO-94-4, Stud	Package / Case	TO-209AC, TO-94-4, Stud
Supplier Device Package TO-94	Supplier Device Package	TO-94
Report errors?		Report errors?

## T507104084AQ 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.

## **T507104084AQ Payment Methods**



















# **T507104084AQ Shipping Methods**













If you have any question about T507104084AQ, please do not hesitate to contact us!

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