



# **T507047044AQ Information**

Heisener.com

Part Number T507047044AQ
Manufacturer Powerex Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

**Description** SCR INV STUD 70A 400V 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.









### **T507047044AQ Specifications**

Manufacturer Part Number         T507047044AQ           Manufacturer         Powerex Inc.           Category         Discrete Semiconductor Products           Thyristors - SCRs           Package         TO-209AC, TO-94-4, Stud           Series         -           Voltage - Off State         400V           Voltage - Gate Trigger (Vgt) (Max)         3V           Current - Gate Trigger (Igt) (Max)         150mA           Voltage - On State (Vtm) (Max)         3.5V           Current - On State (It (AV)) (Max)         70A           Current - On State (It (RMS)) (Max)         110A           Current - Hold (Ih) (Max)         -           Current - Off State (Max)         15mA           Current - Non Rep. Surge 50, 60Hz (Itsm)         1200A @ 60Hz           SCR Type         Standard Recovery		
Category  Discrete Semiconductor Products Thyristors - SCRs  Package TO-209AC, TO-94-4, Stud  Series  Voltage - Off State 400V  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 - 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	T507047044AQ
Thyristors - SCRs Package TO-209AC, TO-94-4, Stud Series - Voltage - Off State 400V 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) TOA Current - Hold (Ih) (Max) Current - Hold (Ih) (Max) Current - Off State (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery	Manufacturer	Powerex Inc.
Package TO-209AC, TO-94-4, Stud  Series - Voltage - Off State 400V  Voltage - Gate Trigger (Vgt) (Max) 3V  Current - Gate Trigger (Igt) (Max) 150mA  Voltage - On State (Vtm) (Max) 3.5V  Current - On State (It (AV)) (Max) 70A  Current - On State (It (RMS)) (Max) 110A  Current - Hold (Ih) (Max) -  Current - Off State (Max) 15mA  Current - Non Rep. Surge 50, 60Hz (Itsm) 1200A @ 60Hz  SCR Type Standard Recovery	Category	Discrete Semiconductor Products
Series         -           Voltage - Off State         400V           Voltage - Gate Trigger (Vgt) (Max)         3V           Current - Gate Trigger (Igt) (Max)         150mA           Voltage - On State (Vtm) (Max)         3.5V           Current - On State (It (AV)) (Max)         70A           Current - On State (It (RMS)) (Max)         110A           Current - Hold (Ih) (Max)         -           Current - Off State (Max)         15mA           Current - Non Rep. Surge 50, 60Hz (Itsm)         1200A @ 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)  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  400V  400V  400V  400V  400V  400V  50H	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  3V  3V  3V  150mA  1.50mA  1.10A  1.10A  1.5mA  1.5mA  1.5mA  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  70A  110A	Voltage - Off State	400V
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  3.5V  70A  110A  110A  120A  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  To A  110A  110A  15mA  1200A @ 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  110A  15mA  1200A @ 60Hz  Standard Recovery	Voltage - On State (Vtm) (Max)	3.5V
Current - Hold (Ih) (Max) - Current - Off State (Max) 15mA Current - Non Rep. Surge 50, 60Hz (Itsm) 1200A @ 60Hz SCR Type Standard Recovery	Current - On State (It (AV)) (Max)	70A
Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  15mA  1200A @ 60Hz  Standard Recovery	Current - On State (It (RMS)) (Max)	110A
Current - Non Rep. Surge 50, 60Hz (Itsm)  SCR Type  1200A @ 60Hz  Standard Recovery	Current - Hold (Ih) (Max)	-
SCR Type Standard Recovery	Current - Off State (Max)	15mA
	Current - Non Rep. Surge 50, 60Hz (Itsm)	1200A @ 60Hz
Operating Temperature	SCR Type	Standard Recovery
Operating reinperature -40 C ~ 123 C	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?

### T507047044AQ 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.

### **T507047044AQ Payment Methods**





















### **T507047044AQ Shipping Methods**













If you have any question about T507047044AQ, please do not hesitate to contact us!

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