

# **VS-2N690**

### **VS-2N690 Information**



Part Number	VS-2N690	
Manufacturer	Vishay Semiconductor Diodes Division	
Category	Discrete Semiconductor Products Thyristors - SCRs	
Description	SCR PHASE CONT 600V 25A 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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For Reference Only

## **Certified Quality**

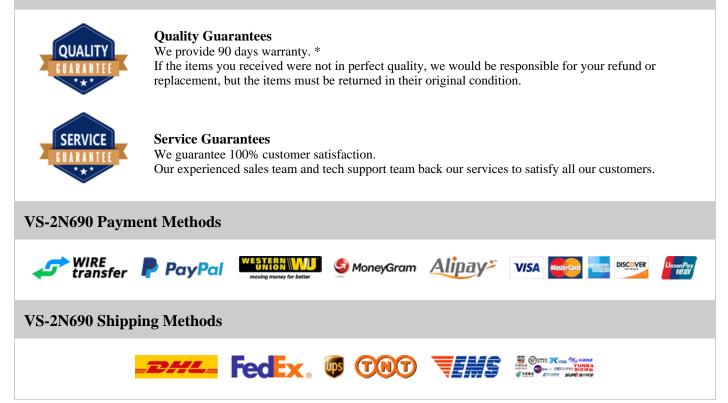
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



### **VS-2N690** Specifications

Manufacturer Part Number	VS-2N690
Manufacturer	Vishay Semiconductor Diodes Division
Category	Discrete Semiconductor Products
	Thyristors - SCRs
Package	TO-208AA, TO-48-3, Stud
Series	-
Voltage - Off State	600V
Voltage - Gate Trigger (Vgt) (Max)	2V
Current - Gate Trigger (Igt) (Max)	40mA
Voltage - On State (Vtm) (Max)	2V
Current - On State (It (AV)) (Max)	16A
Current - On State (It (RMS)) (Max)	25A
Current - Hold (Ih) (Max)	20mA
Current - Off State (Max)	2.5mA
Current - Non Rep. Surge 50, 60Hz (Itsm)	145A, 150A
SCR Type	Standard Recovery
Operating Temperature	$-65^{\circ}C \sim 125^{\circ}C$
Mounting Type	Chassis, Stud Mount
Package / Case	TO-208AA, TO-48-3, Stud
Supplier Device Package	TO-208AA (TO-48)
	Report errors?

#### **VS-2N690** Guarantees



If you have any question about VS-2N690, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com