

### VS-22RIA60 Information



For Reference Only

Part Number VS-22RIA60

Manufacturer Vishay Semiconductor Diodes Division

**Category** Discrete Semiconductor Products

Thyristors - SCRs

**Description** SCR MED POWER 600V 22A 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



Request a Quote

# **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-22RIA60 Specifications**

Manufacturer Part Number  Manufacturer  Vishay Semiconductor Diodes Division  Discrete Semiconductor Products Thyristors - SCRs  Package  TO-208AA, TO-48-3, 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  Operating Temperature  Aooka (TO-48-3, Stud  Surpolier Device Package  TO-208AA (TO-48-3)  Report errors?		
CategoryDiscrete Semiconductor ProductsThyristors - SCRsPackageTO-208AA, TO-48-3, StudSeries-Voltage - Off State600VVoltage - Gate Trigger (Vgt) (Max)2VCurrent - Gate Trigger (Igt) (Max)60mAVoltage - On State (Vtm) (Max)1.7VCurrent - On State (It (AV)) (Max)22ACurrent - On State (It (RMS)) (Max)35ACurrent - Hold (Ih) (Max)130mACurrent - Off State (Max)10mACurrent - Non Rep. Surge 50, 60Hz (Itsm)400A, 420ASCR TypeStandard RecoveryOperating Temperature-65°C ~ 125°CMounting TypeChassis, Stud MountPackage / CaseTO-208AA, TO-48-3, StudSupplier Device PackageTO-208AA (TO-48)	Manufacturer Part Number	VS-22RIA60
Package TO-208AA, TO-48-3, Stud  Series - Voltage - Off State Voltage - Gate Trigger (Vgt) (Max) 2V  Current - Gate Trigger (Igt) (Max) 60mA  Voltage - On State (Vtm) (Max) 1.7V  Current - On State (It (AV)) (Max) 22A  Current - On State (It (RMS)) (Max) 35A  Current - Hold (Ih) (Max) 130mA  Current - Off State (Max) 10mA  Current - Non Rep. Surge 50, 60Hz (Itsm) 400A, 420A  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)	Manufacturer	Vishay Semiconductor Diodes Division
Package TO-208AA, TO-48-3, Stud  Series -  Voltage - Off State  Voltage - Gate Trigger (Vgt) (Max) 2V  Current - Gate Trigger (Igt) (Max) 60mA  Voltage - On State (Vtm) (Max) 1.7V  Current - On State (It (AV)) (Max) 22A  Current - On State (It (RMS)) (Max) 35A  Current - Hold (Ih) (Max) 130mA  Current - Off State (Max) 10mA  Current - Non Rep. Surge 50, 60Hz (Itsm) 400A, 420A  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)	Category	Discrete Semiconductor Products
Series - Coltage - Off State 600V  Voltage - Gate Trigger (Vgt) (Max) 2V  Current - Gate Trigger (Igt) (Max) 60mA  Voltage - On State (Vtm) (Max) 1.7V  Current - On State (It (AV)) (Max) 22A  Current - On State (It (RMS)) (Max) 35A  Current - Hold (Ih) (Max) 130mA  Current - Off State (Max) 10mA  Current - Non Rep. Surge 50, 60Hz (Itsm) 400A, 420A  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)		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 - 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  Surplier Device Package	Package	TO-208AA, TO-48-3, Stud
Voltage - Gate Trigger (Vgt) (Max)  Current - Gate Trigger (Igt) (Max)  60mA  Voltage - On State (Vtm) (Max)  1.7V  Current - On State (It (AV)) (Max)  22A  Current - On State (It (RMS)) (Max)  35A  Current - Hold (Ih) (Max)  130mA  Current - Off State (Max)  10mA  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	Series	-
Current - Gate Trigger (Igt) (Max)  Voltage - On State (Vtm) (Max)  1.7V  Current - On State (It (AV)) (Max)  22A  Current - On State (It (RMS)) (Max)  35A  Current - Hold (Ih) (Max)  130mA  Current - Off State (Max)  10mA  Current - Non Rep. Surge 50, 60Hz (Itsm)  400A, 420A  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	600V
Voltage - On State (Vtm) (Max)  Current - On State (It (AV)) (Max)  22A  Current - On State (It (RMS)) (Max)  35A  Current - Hold (Ih) (Max)  130mA  Current - Off State (Max)  10mA  Current - Non Rep. Surge 50, 60Hz (Itsm)  400A, 420A  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)  35A  Current - Hold (Ih) (Max)  130mA  Current - Off State (Max)  10mA  Current - Non Rep. Surge 50, 60Hz (Itsm)  400A, 420A  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)  400A, 420A  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)	1.7V
Current - Hold (Ih) (Max)  Current - Off State (Max)  10mA  Current - Non Rep. Surge 50, 60Hz (Itsm)  400A, 420A  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 (AV)) (Max)	22A
Current - Off State (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  400A, 420A  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)	35A
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 TypeStandard RecoveryOperating Temperature-65°C ~ 125°CMounting TypeChassis, Stud MountPackage / CaseTO-208AA, TO-48-3, StudSupplier Device PackageTO-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)	400A, 420A
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
Report errors?	Supplier Device Package	TO-208AA (TO-48)
The post of the same of the sa		Report errors?

#### VS-22RIA60 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-22RIA60 Payment Methods





















## **VS-22RIA60 Shipping Methods**













If you have any question about VS-22RIA60, please do not hesitate to contact us!

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