

# SFAF502GHC0G

est a Quote

#### SFAF502GHC0G Information

Heisener.com	Part Number	SFAF502GHC0G	
	Manufacturer	TSC America Inc.	Γ
	Category	Discrete Semiconductor Products Diodes - Rectifiers - Single	
	Description	DIODE, SUPER FAST, 5A, 100V, 35N	- 2
	Package	TO-220-2 Full Pack	
		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	

# **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.



### SFAF502GHC0G Specifications

ManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-220-2 Full PackSeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)5AVoltage - Forward (Vf) (Max) @ If975mV @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr10µA @ 100VCapacitance @ Vr, F70pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageITO-220ACOperating Temperature - Junction-55°C ~ 150°C		
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Voltage - Forward (Vf) (Max) @ If $975mV @ 5A$ SpeedFast Recovery =< $500ns$ , > $200mA$ (Io)Reverse Recovery Time (trr) $35ns$ Current - Reverse Leakage @ Vr $10\mu A @ 100V$ Capacitance @ Vr, F $70pF @ 4V$ , $1MHz$ Mounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageITO-220ACOperating Temperature - Junction $-55°C ~ 150°C$	Voltage - DC Reverse (Vr) (Max)	100V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr10µA @ 100VCapacitance @ Vr, F70pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageITO-220ACOperating Temperature - Junction-55°C ~ 150°C	Current - Average Rectified (Io)	5A
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Mounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageITO-220ACOperating Temperature - Junction-55°C ~ 150°C	Current - Reverse Leakage @ Vr	10µA @ 100V
Package / CaseTO-220-2 Full PackSupplier Device PackageITO-220ACOperating Temperature - Junction-55°C ~ 150°C	Capacitance @ Vr, F	70pF @ 4V, 1MHz
Supplier Device PackageITO-220ACOperating Temperature - Junction-55°C ~ 150°C	Mounting Type	Through Hole
Operating Temperature - Junction -55°C ~ 150°C	Package / Case	TO-220-2 Full Pack
	Supplier Device Package	ITO-220AC
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

#### SFAF502GHC0G 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

# SFAF502GHC0G Payment Methods



## SFAF502GHC0G Shipping Methods



If you have any question about SFAF502GHC0G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com