

## SF1603GHC0G

est a Quote

#### SF1603GHC0G Information

Part Number SF1603GHC0G   Manufacturer TSC America Inc.   Category Discrete Semiconductor Products Diodes - Rectifiers - Single   Description DIODE, SUPER FAST, 16A, 150V, 35   Package TO-220-3 For the pricing/inventory/lead time, please contact us			
Category Discrete Semiconductor Products   Diodes - Rectifiers - Single   Description   Package   TO-220-3   For the pricing/inventory/lead time, please contact   us	Contraction of the second seco	Part Number	SF1603GHC0G
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For the pricing/inventory/lead time, please contact us		Description	DIODE, SUPER FAST, 16A, 150V, 35
us Websitet https://www.bsisener.com		Package	TO-220-3
Wahaita, https://www.haiganan.com			For the pricing/inventory/lead time, please contact
Website: https://www.heisener.com	For Reference Only		us
E-mail: salesdept@heisener.com			Website: https://www.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.



## SF1603GHC0G Specifications

ManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-220-3SeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)150VCurrent - Average Rectified (Io)16AVoltage - Forward (Vf) (Max) @ If975mV @ 8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr10µA @ 150VCurrent - Reverse Leakage @ VrThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3		
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Diode TypeStandardVoltage - DC Reverse (Vr) (Max)150VCurrent - Average Rectified (Io)16AVoltage - Forward (Vf) (Max) @ If975mV @ 8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr10µA @ 150VCapacitance @ Vr, F80pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220ABOperating Temperature - Junction-55°C ~ 150°C	Package	TO-220-3
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Current - Average Rectified (Io)16AVoltage - Forward (Vf) (Max) @ If975mV @ 8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr10μA @ 150VCapacitance @ Vr, F80pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220ABOperating Temperature - Junction-55°C ~ 150°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If $975mV @ 8A$ SpeedFast Recovery =< $500ns$ , > $200mA$ (Io)Reverse Recovery Time (trr) $35ns$ Current - Reverse Leakage @ Vr $10\mu A @ 150V$ Capacitance @ Vr, F $80pF @ 4V$ , $1MHz$ Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220ABOperating Temperature - Junction $-55^{\circ}C \sim 150^{\circ}C$	Voltage - DC Reverse (Vr) (Max)	150V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr10μA @ 150VCapacitance @ Vr, F80pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220ABOperating Temperature - Junction-55°C ~ 150°C	Current - Average Rectified (Io)	16A
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Capacitance @ Vr, F80pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220ABOperating Temperature - Junction-55°C ~ 150°C	Reverse Recovery Time (trr)	35ns
Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220ABOperating Temperature - Junction-55°C ~ 150°C	Current - Reverse Leakage @ Vr	10µA @ 150V
Package / CaseTO-220-3Supplier Device PackageTO-220ABOperating Temperature - Junction-55°C ~ 150°C	Capacitance @ Vr, F	80pF @ 4V, 1MHz
Supplier Device PackageTO-220ABOperating Temperature - Junction-55°C ~ 150°C	Mounting Type	Through Hole
Operating Temperature - Junction -55°C ~ 150°C	Package / Case	TO-220-3
	Supplier Device Package	TO-220AB
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors

#### SF1603GHC0G 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 UARANTEE

#### **Service Guarantees**

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

## SF1603GHC0G Payment Methods



If you have any question about SF1603GHC0G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com