

SF1603G C0G

est a Quote

SF1603G C0G Information

Heisener.com	Part Number	SF1603G C0G	
	Manufacturer	TSC America Inc.	- 6
	Category	Discrete Semiconductor Products Diodes - Rectifiers - Single	Ż
	Description	DIODE, SUPER FAST, 16A, 150V, 35	- 2
	Package	TO-220-3	
		For the pricing/inventory/lead time, please contact	Ľ
		us	_
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	1

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.



SF1603G C0G Specifications

ManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-220-3Series-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-220AB		
CategoryDiscrete Semiconductor Products Diodes - Rectifiers - SinglePackageTO-220-3Series-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	Manufacturer Part Number	SF1603G C0G
Diodes - Rectifiers - SinglePackageTO-220-3Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)150VCurrent - Average Rectified (Jo)16AVoltage - Forward (Vf) (Max) @ If975mV @ 8ASpeedFast Recovery =< 500ns, > 200mA (Jo)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr10µA @ 150VCurrent - Reverse Leakage @ VrThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220ABOperating Temperature - Junction-55°C ~ 150°C	Manufacturer	TSC America Inc.
PackageTO-220-3Series-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	Category	Discrete Semiconductor Products
Series-Series-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		Diodes - Rectifiers - Single
Diode TypeStandardDiode 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
Voltage - 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	Series	-
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 $10\muA @ 150V$ Capacitance @ Vr, F $80pF @ 4V$, $1MHz$ Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220ABOperating Temperature - Junction -55° C ~ 150° 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
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	Voltage - Forward (Vf) (Max) @ If	975mV @ 8A
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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 $-55^{\circ}C \sim 150^{\circ}C$	Package / Case	TO-220-3
	Supplier Device Package	TO-220AB
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

SF1603G C0G 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 EUARANTEE

Service Guarantees

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

SF1603G C0G Payment Methods



SF1603G C0G Shipping Methods



If you have any question about SF1603G C0G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com