

SF61GHB0G

equest a Quote

SF61GHB0G Information

Contract and the	Part Number	SF61GHB0G
	Manufacturer	TSC America Inc.
	Category	Discrete Semiconductor Products Diodes - Rectifiers - Single
	Description	DIODE, SUPER FAST, 6A, 50V, 35NS
	Package	DO-201AD, Axial
		For the pricing/inventory/lead time, please contact
For Reference Only		us
		Website: https://www.heisener.com
		E-mail: salesdept@heisener.com



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.



SF61GHB0G Specifications

Manufacturer Part NumberSF61GHB0GManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsPackageDiodes - Rectifiers - SinglePackageOO-201AD, AxialSeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)6AVoltage - Forward (Vf) (Max) @ If975mV @ 6ASpeedFast Recovery =< 500ms, > 200mA (Io)Reverse Recovery Time (trr)50sCurrent - Reverse Leakage @ Vr5µA @ 50VCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialOperating Temperature - Junction55°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-201AD, AxialSeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)6AVoltage - Forward (Vf) (Max) @ If975mV @ 6ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)51nsCurrent - Reverse Leakage @ Vr5µA @ 50VCurnent - Reverse Leakage @ Vr100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201AD, Axial	Manufacturer Part Number	SF61GHB0G
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SeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)6AVoltage - Forward (Vf) (Max) @ If975mV @ 6ASpeedFast Recovery = < 500ms, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr5µA @ 50VCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201AD		Diodes - Rectifiers - Single
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Yoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)6AVoltage - Forward (Vf) (Max) @ If975mV @ 6ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr5µA @ 50VCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201AD	Series	Automotive, AEC-Q101
Current - Average Rectified (Io)6AVoltage - Forward (Vf) (Max) @ If975mV @ 6ASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr5µA @ 50VCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201AD	Diode Type	Standard
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SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr5µA @ 50VCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201AD	Current - Average Rectified (Io)	6A
Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr5μA @ 50VCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201AD	Voltage - Forward (Vf) (Max) @ If	975mV @ 6A
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Capacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201AD	Reverse Recovery Time (trr)	35ns
Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201AD	Current - Reverse Leakage @ Vr	5μA @ 50V
Package / CaseDO-201AD, AxialSupplier Device PackageDO-201AD	Capacitance @ Vr, F	100pF @ 4V, 1MHz
Supplier Device Package DO-201AD	Mounting Type	Through Hole
	Package / Case	DO-201AD, Axial
Operating Temperature - Junction $-55^{\circ}C \sim 150^{\circ}C$	Supplier Device Package	DO-201AD
	Operating Temperature - Junction	-55°C ~ 150°C
Report erro		Report errors?

SF61GHB0G 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 SUARANTEE

Service Guarantees

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

SF61GHB0G Payment Methods





If you have any question about SF61GHB0G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com