

SF1002G C0G

lest a Quote

SF1002G C0G Information

Heisener.com	Part Number	SF1002G C0G
	Manufacturer	TSC America Inc.
	Category	Discrete Semiconductor Products Diodes - Rectifiers - Single
	Description	DIODE, SUPER FAST, 10A, 100V, 35
	Package	TO-220-3
		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.



SF1002G C0G Specifications

Manufacturer Part NumberSF1002G C0GManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsPackageDiodes - Rectifiers - SinglePackage-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Jo)10AVoltage - Forward (Vf) (Max) @ If975mV @ 5ASpeedFast Recovery = < 500ms, > 200mA (Io)Reverse Recovery Time (trr)55mCurrent - Reverse Leakage @ Vr10µA @ 100VCurrent - Reverse Leakage @ Vr70pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3Operating Temperature - Junction55°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsPackageDiodes - Rectifiers - SinglePackageTO-220-3Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)10AVoltage - Forward (Vf) (Max) @ If975mV @ 5ASpeedFast Recovery =< 500ms, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr10µA @ 100VCapacitance @ Vr, F70pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseTO-220AB	Manufacturer Part Number	SF1002G C0G
Diodes - Rectifiers - SinglePackageTO-220-3Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)10AVoltage - 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-220AB	Manufacturer	TSC America Inc.
PackageTO-220-3Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)10AVoltage - 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-220-3Supplier Device PackageTO-220AB	Category	Discrete Semiconductor Products
Series-Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)10AVoltage - 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-220-3Supplier Device PackageTO-220AB		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)10AVoltage - 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-220-3Supplier Device PackageTO-220AB	Package	TO-220-3
Voltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)10AVoltage - 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-220-3Supplier Device PackageTO-220AB	Series	-
Current - Average Rectified (Io)10AVoltage - 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-220-3Supplier Device PackageTO-220AB	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If $975mV @ 5A$ Speed Fast Recovery = $500ns, > 200mA$ (Io) Reverse Recovery Time (trr) $35ns$ Current - Reverse Leakage @ Vr $10\muA @ 100V$ Capacitance @ Vr, F $70pF @ 4V, 1MHz$ Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220AB	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-220-3Supplier Device PackageTO-220AB	Current - Average Rectified (Io)	10A
Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr10μA @ 100VCapacitance @ Vr, F70pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220AB	Voltage - Forward (Vf) (Max) @ If	975mV @ 5A
Current - Reverse Leakage @ Vr10μA @ 100VCapacitance @ Vr, F70pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220AB	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F70pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220AB	Reverse Recovery Time (trr)	35ns
Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220AB	Current - Reverse Leakage @ Vr	10µA @ 100V
Package / CaseTO-220-3Supplier Device PackageTO-220AB	Capacitance @ Vr, F	70pF @ 4V, 1MHz
Supplier Device PackageTO-220AB	Mounting Type	Through Hole
	Package / Case	TO-220-3
Operating Temperature - Junction $-55^{\circ}C \sim 150^{\circ}C$	Supplier Device Package	TO-220AB
	Operating Temperature - Junction	-55°C ~ 150°C
Report errors		Report errors?

SF1002G 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 GUARANTEE

Service Guarantees

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

SF1002G C0G Payment Methods



SF1002G C0G Shipping Methods



If you have any question about SF1002G C0G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com