

# 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
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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