

SF41G R0G

SF41G R0G Information

Heisener.com	Part Number Manufacturer Category Description Package	SF41G R0G TSC America Inc. Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE, SUPER FAST, 4A, 50V, 35NS 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	Request a Quote

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.



SF41G R0G Specifications

Manufacturer Part NumberSF41G R0GManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsPackageDo-201AD, AxialPackageOO-201AD, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Jo)4AVoltage - Forward (Vf) (Max) @ If1V @ 4ASpeedFast Recovery = <500ns, > 200mA (Io)Reverse Recovery Time (trr)50NCurrent - Reverse Leakage @ Vr5µA @ 50NCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction55°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsCategoryDiodes - Rectifiers - SinglePackageDO-201AD, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)4AVoltage - Forward (Vf) (Max) @ IfIV @ 4ASpeedFast Recovery = <500ms, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ VrJuA @ 50VCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction<50°C ~ 150°C	Manufacturer Part Number	SF41G R0G
Holdes - Rectifiers - SinglePackageDO-201AD, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Jo)4AVoltage - Forward (Vf) (Max) @ IfIV @ 4ASpeedFast Recovery =< 500ns, > 200mA (Jo)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ VrJup f @ 4V, 1MHzCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageSoc ~ 150°C	Manufacturer	TSC America Inc.
PackageDO-201AD, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)4AVoltage - Forward (Vf) (Max) @ If1V @ 4ASpeedFast Recovery = < 500ms, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr5µA @ 50VCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device Package50°C ~ 150°C	Category	Discrete Semiconductor Products
Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)4AVoltage - Forward (Vf) (Max) @ IfIV @ 4ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr5µA @ 50VCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-55°C ~ 150°C		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Jo)4AVoltage - Forward (Vf) (Max) @ IfIV @ 4ASpeedFast Recovery =< 500ns, > 200mA (Jo)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr5µA @ 50VCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device Package50°C ~ 150°C	Package	DO-201AD, Axial
Note typeInterfereVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)4AVoltage - Forward (Vf) (Max) @ If1V @ 4ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr5µA @ 50VCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-55°C ~ 150°C	Series	-
Current - Average Rectified (Io)4AVoltage - Forward (Vf) (Max) @ If $1V @ 4A$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr) $35ns$ Current - Reverse Leakage @ Vr $5\mu A @ 50V$ Capacitance @ Vr, F $100pF @ 4V, 1MHz$ Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction $-55^{\circ}C \sim 150^{\circ}C$	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If $IV @ 4A$ Speed Fast Recovery = < 500ns, > 200mA (Io) Reverse Recovery Time (trr) $35ns$ Current - Reverse Leakage @ Vr $5\mu A @ 50V$ Capacitance @ Vr, F $100pF @ 4V, 1MHz$ Mounting Type Through Hole Package / Case $DO-201AD$, Axial Supplier Device Package $DO-201AD$	Voltage - DC Reverse (Vr) (Max)	50V
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-201ADOperating Temperature - Junction-55°C ~ 150°C	Current - Average Rectified (Io)	4A
Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr5µA @ 50VCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-55°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	1V @ 4A
Current - Reverse Leakage @ Vr5μA @ 50VCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-55°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-55°C ~ 150°C	Reverse Recovery Time (trr)	35ns
Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-55°C ~ 150°C	Current - Reverse Leakage @ Vr	5µA @ 50V
Package / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-55°C ~ 150°C	Capacitance @ Vr, F	100pF @ 4V, 1MHz
Supplier Device PackageDO-201ADOperating Temperature - Junction-55°C ~ 150°C	Mounting Type	Through Hole
Operating Temperature - Junction -55°C ~ 150°C	Package / Case	DO-201AD, Axial
	Supplier Device Package	DO-201AD
Report erro	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

SF41G R0G 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 BUARANTEE

Service Guarantees

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



If you have any question about SF41G R0G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com