

SRA8150HC0G

SRA8150HC0G Information

Heisener.com	Part Number Manufacturer Category Description Package	SRA8150HC0G TSC America Inc. Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE, SCHOTTKY, STANDARD, 8A, 1 TO-220-2 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

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SRA8150HC0G Specifications

Manufacturer Part NumberSRA8150HCOGManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SingleDiodes - Rectifiers - SinglePackageTO-220-2SeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)150VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If550mV @ 8ASpeedFast Recovery =<500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 150VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 125°C		
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SeriesAutomotive, AEC-Q101SeriesKutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)150VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If550mV @ 8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100 μ A @ 150VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 125°C		Diodes - Rectifiers - Single
Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)150VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If550mV @ 8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100 μ A @ 150VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 125°C	Package	TO-220-2
Voltage - DC Reverse (Vr) (Max)150VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If550mV @ 8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100 μ A @ 150VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 125°C	Series	Automotive, AEC-Q101
Current - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If550mV @ 8ASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 150VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 125°C	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If $550mV @ 8A$ SpeedFast Recovery =< $500ns$, > $200mA$ (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr $100\muA @ 150V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction $-55^{\circ}C \sim 125^{\circ}C$	Voltage - DC Reverse (Vr) (Max)	150V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 150VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 125°C	Current - Average Rectified (Io)	8A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 150VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 125°C	Voltage - Forward (Vf) (Max) @ If	550mV @ 8A
Current - Reverse Leakage @ Vr100μA @ 150VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 125°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 125°C	Reverse Recovery Time (trr)	-
Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 125°C	Current - Reverse Leakage @ Vr	100µA @ 150V
Package / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 125°C	Capacitance @ Vr, F	-
Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 125°C	Mounting Type	Through Hole
Operating Temperature - Junction -55°C ~ 125°C	Package / Case	TO-220-2
	Supplier Device Package	TO-220AC
Report error	Operating Temperature - Junction	-55°C ~ 125°C
*		Report errors?

SRA8150HC0G 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 Guarantees

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

SRA8150HC0G Payment Methods





If you have any question about SRA8150HC0G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com