

# 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

# **Certified Quality**

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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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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 $\mu$ 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 $\mu$ 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
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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