

# SRT12 A0G

#### **SRT12 A0G Information**

Heisener.com	Part Number Manufacturer Category Description Package	SRT12 A0G TSC America Inc. Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE, SCHOTTKY, STANDARD, 1A, 2 T-18, 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

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## **SRT12 A0G Specifications**

Manufacturer Part NumberSRT12 A0GManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsPackageDiodes - Rectifiers - SinglePackageT-18, AxialSeries-Diode TypeSchotkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Jo)1AVoltage - Forward (Vf) (Max) @ If50mV @ 1ASpeedFast Recovery = <500ms, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 20VCapacitance @ Vr, F-Abouting TypeThrough HolePackage / CaseTS-1Supplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 125°C		
CategoryDiscrete Semiconductor ProductsCategoryDiodes - Rectifiers - SinglePackageT-18, AxialSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)IAVoltage - Forward (Vf) (Max) @ If50mV @ 1ASpeedFast Recovery = <500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr50mJ @ 20VCurrent - Reverse Leakage @ Vr-Capacitance @ Vr, F-Package / CaseThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 125°C	Manufacturer Part Number	SRT12 A0G
Diodes - Rectifiers - SinglePackageT-18, AxialSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If550mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 125°C	Manufacturer	TSC America Inc.
Package T-18, Axial   Series -   Diode Type Schottky   Voltage - DC Reverse (Vr) (Max) 20V   Current - Average Rectified (Io) 1A   Voltage - Forward (Vf) (Max) @ If 550mV @ 1A   Speed Fast Recovery = <500ms, > 200mA (Io)   Reverse Recovery Time (trr) -   Current - Reverse Leakage @ Vr 500µA @ 20V   Quadity Type Snow Package   Package / Case Triongh Hole   Package / Case T-18, Axial   Operating Temperature - Junction S°C ~ 125°C	Category	Discrete Semiconductor Products
Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Jo)1AVoltage - Forward (Vf) (Max) @ If550mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Jo)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 125°C		Diodes - Rectifiers - Single
Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If550mV @ 1ASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 125°C	Package	T-18, Axial
Voltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If $550mV @ 1A$ SpeedFast Recovery =< $500ns$ , > $200mA$ (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr $500\muA @ 20V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction $-55°C ~ 125°C$	Series	-
Current - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If550mV @ 1ASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 125°C	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If $550mV @ 1A$ SpeedFast Recovery =< $500ns$ , > $200mA$ (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr $500\muA @ 20V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction $-55^\circ$ C ~ $125^\circ$ C	Voltage - DC Reverse (Vr) (Max)	20V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 125°C	Current - Average Rectified (Io)	1A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 125°C	Voltage - Forward (Vf) (Max) @ If	550mV @ 1A
Current - Reverse Leakage @ Vr500µA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 125°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 125°C	Reverse Recovery Time (trr)	-
Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 125°C	Current - Reverse Leakage @ Vr	500µA @ 20V
Package / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 125°C	Capacitance @ Vr, F	-
Supplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 125°C	Mounting Type	Through Hole
Operating Temperature - Junction $-55^{\circ}C \sim 125^{\circ}C$	Package / Case	T-18, Axial
	Supplier Device Package	TS-1
Report	Operating Temperature - Junction	-55°C ~ 125°C
Report		Report errors?

#### **SRT12 A0G 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 SRT12 A0G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com