



S1BLHRUG Information

Part Number S1BLHRUG

Manufacturer TSC America Inc.

Category

Package

Heisener.com

For Reference Only

Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE, 1A, 100V, AEC-Q101, SUB S

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com

E-mail: salesdept@heisener.com



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S1BLHRUG Specifications

Manufacturer Part NumberS1BLHRUGManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsPackageDiodes - Rectifiers - SinglePackageDO-219ABSeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.8μsCurrent - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F9pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMA		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-219ABSeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.8μsCurrent - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F9pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219AB	Manufacturer Part Number	S1BLHRUG
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Package DO-219AB Series Automotive, AEC-Q101 Diode Type Standard Voltage - DC Reverse (Vr) (Max) 100V Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If 1.1V @ 1A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 1.8µs Current - Reverse Leakage @ Vr Capacitance @ Vr, F 9pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-219AB	Category	Discrete Semiconductor Products
Series Automotive, AEC-Q101 Diode Type Standard Voltage - DC Reverse (Vr) (Max) 100V Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If 1.1V @ 1A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 1.8µs Current - Reverse Leakage @ Vr 5µA @ 100V Capacitance @ Vr, F 9pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-219AB		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.8μsCurrent - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F9pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219AB	Package	DO-219AB
Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 1.8μs Current - Reverse Leakage @ Vr Capacitance @ Vr, F 9pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-219AB	Series	Automotive, AEC-Q101
Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 1.8µs Current - Reverse Leakage @ Vr SµA @ 100V Capacitance @ Vr, F 9pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-219AB	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 1.8μs Current - Reverse Leakage @ Vr Capacitance @ Vr, F 9pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-219AB	Voltage - DC Reverse (Vr) (Max)	100V
SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.8μsCurrent - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F9pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219AB	Current - Average Rectified (Io)	1A
Reverse Recovery Time (trr)1.8μsCurrent - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F9pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219AB	Voltage - Forward (Vf) (Max) @ If	1.1V @ 1A
Current - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F9pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219AB	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F 9pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-219AB	Reverse Recovery Time (trr)	1.8µs
Mounting Type Surface Mount Package / Case DO-219AB	Current - Reverse Leakage @ Vr	5μΑ @ 100V
Package / Case DO-219AB	Capacitance @ Vr, F	9pF @ 4V, 1MHz
	Mounting Type	Surface Mount
Supplier Device Package Sub SMA	Package / Case	DO-219AB
	Supplier Device Package	Sub SMA
Operating Temperature - Junction $-55^{\circ}\text{C} \sim 175^{\circ}\text{C}$	Operating Temperature - Junction	-55°C ~ 175°C
Report errors?		Report errors?

S1BLHRUG 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.

S1BLHRUG Payment Methods





















S1BLHRUG Shipping Methods













If you have any question about S1BLHRUG, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com