

# SK12H45 B0G

#### **SK12H45 B0G Information**

Heisener.com	Part Number Manufacturer Category Description Package	SK12H45 B0G TSC America Inc. Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE, SCHOTTKY, STANDARD, 12A, 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**

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## SK12H45 B0G Specifications

Manufacturer Part NumberSK 12H45 B0GManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SingleDiodes - Rectifiers - SinglePackageDO-201AD, AxialSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io)12AVoltage - Forward (Vf) (Max) @ If550mV @ 12ASpeedFast Recovery = S00ms, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr120µA @ 45VCurnet - Reverse Leakage @ Vr-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction200°C (Max)		
CategoryDiscrete Semiconductor ProductsCategoryDiodes - Rectifiers - SinglePackageDO-201AD, AxialSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io)12AVoltage - Forward (Vf) (Max) @ If550mV @ 12ASpeedFast Recovery = <500ms, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr120µA @ 45VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201AD, AxialOperating Temperature - Junction200°C (Max)	Manufacturer Part Number	SK12H45 B0G
Diodes - Rectifiers - SinglePackageDO-201AD, AxialSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io)12AVoltage - Forward (Vf) (Max) @ If550mV @ 12ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr120µA @ 45VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction200°C (Max)	Manufacturer	TSC America Inc.
PackageDO-201AD, AxialSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io)12AVoltage - Forward (Vf) (Max) @ If550mV @ 12ASpeedFast Recovery =< 500ms, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr120µA @ 45VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201AD, AxialOperating Temperature - Junction200°C (Max)	Category	Discrete Semiconductor Products
Series-Sories-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io)12AVoltage - Forward (Vf) (Max) @ If550mV @ 12ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr120µA @ 45VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction200°C (Max)		Diodes - Rectifiers - Single
Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Jo)12AVoltage - Forward (Vf) (Max) @ If50mV @ 12ASpeedFast Recovery = < 500ns, > 200mA (Jo)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr120µA @ 45VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageJO0°C (Max)	Package	DO-201AD, Axial
Voltage - DC Reverse (Vr) (Max) $45V$ Current - Average Rectified (Io) $12A$ Voltage - Forward (Vf) (Max) @ If $550mV @ 12A$ SpeedFast Recovery =< $500ns$ , > $200mA$ (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr $120\muA @ 45V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction $200^{\circ}C$ (Max)	Series	-
Current - Average Rectified (Io)12AVoltage - Forward (Vf) (Max) @ If550mV @ 12ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr120μA @ 45VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction200°C (Max)	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If550mV @ 12ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr120µA @ 45VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction200°C (Max)	Voltage - DC Reverse (Vr) (Max)	45V
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Current - Reverse Leakage @ Vr120μA @ 45VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction200°C (Max)	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction200°C (Max)	Reverse Recovery Time (trr)	-
Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction200°C (Max)	Current - Reverse Leakage @ Vr	120µA @ 45V
Package / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction200°C (Max)	Capacitance @ Vr, F	-
Supplier Device PackageDO-201ADOperating Temperature - Junction200°C (Max)	Mounting Type	Through Hole
Operating Temperature - Junction 200°C (Max)	Package / Case	DO-201AD, Axial
	Supplier Device Package	DO-201AD
Report error	Operating Temperature - Junction	200°C (Max)
1		Report errors?

#### SK12H45 B0G 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

#### **Service Guarantees**

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

#### SK12H45 B0G Payment Methods



## SK12H45 B0G Shipping Methods



If you have any question about SK12H45 B0G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com