



### **SK520BTR Information**

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For Reference Only

Part Number SK520BTR

Manufacturer SMC Diode Solutions

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE SCHOTTKY 200V 5A SMB

Package DO-214AA, SMB

For the pricing/inventory/lead time, please contact

us

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



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# **Certified Quality**

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## **SK520BTR Specifications**

Manufacturer Part NumberSK520BTRManufacturerSMC Diode SolutionsCategoryDiscrete Semiconductor ProductsPackageDO-214AA, SMBSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)5AVoltage - Forward (Vf) (Max) @ If1.1V @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ VrImA @ 200VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB (DO-214AA)Operating Temperature - Junction-55°C ~ 150°CReport errors?	SILE 202 III Specifications	
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  DO-214AA, SMB  Series  - Diode Type Schottky  Voltage - DC Reverse (Vr) (Max) 200V  Current - Average Rectified (Io) SA  Voltage - Forward (Vf) (Max) @ If 1.1V @ 5A  Speed Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 1mA @ 200V  Capacitance @ Vr, F  Mounting Type Surface Mount Package / Case DO-214AA, SMB  Supplier Device Package SMB (DO-214AA) Operating Temperature - Junction  Do-214AA, SMB  Source Single Do-214AA, SMB Do-214AA) -55°C ~ 150°C	Manufacturer Part Number	SK520BTR
Package DO-214AA, SMB  Series - Contact Supple Schottky  Voltage - DC Reverse (Vr) (Max) 200V  Current - Average Rectified (Io) 5A  Voltage - Forward (Vf) (Max) @ If 1.1V @ 5A  Speed Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 1mA @ 200V  Capacitance @ Vr, F - Mounting Type Surface Mount  Package / Case DO-214AA, SMB  Supplier Device Package SMB (DO-214AA)  Operating Temperature - Junction - 55°C ~ 150°C	Manufacturer	SMC Diode Solutions
PackageDO-214AA, SMBSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)5AVoltage - Forward (Vf) (Max) @ If1.1V @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ VrImA @ 200VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB (DO-214AA)Operating Temperature - Junction-55°C ~ 150°C	Category	Discrete Semiconductor Products
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Diode Type  Schottky  Voltage - DC Reverse (Vr) (Max)  200V  Current - Average Rectified (Io)  SA  Voltage - Forward (Vf) (Max) @ If  Speed  Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  ImA @ 200V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package  SMB (DO-214AA)  Operating Temperature - Junction  SA  Schottky  200V  In A @ 200V  Surface Mount  Surface Mount  Fackage / Case  DO-214AA, SMB  SMB (DO-214AA)  Operating Temperature - Junction  -55°C ~ 150°C	Package	DO-214AA, SMB
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  5A  Voltage - Forward (Vf) (Max) @ If  1.1V @ 5A  Speed  Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  1mA @ 200V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package  SMB (DO-214AA)  Operating Temperature - Junction  200V  5A  Lance Mount  - Surface Mount  Surface Mount  - Sor ~ 150°C	Series	-
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  1.1V @ 5A  Speed  Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  ImA @ 200V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package  SMB (DO-214AA)  Operating Temperature - Junction  5A  1.1V @ 5A  1.1V @ 5A  1.1V @ 5A  Supon Su	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If  Speed  Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  ImA @ 200V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package  SMB (DO-214AA)  Operating Temperature - Junction	Voltage - DC Reverse (Vr) (Max)	200V
Speed Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  ImA @ 200V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package  SMB (DO-214AA)  Operating Temperature - Junction  Fast Recovery =< 500ns, > 200mA (Io)  - Do-2000	Current - Average Rectified (Io)	5A
Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  ImA @ 200V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package  SMB (DO-214AA)  Operating Temperature - Junction  -55°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	1.1V @ 5A
Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  DO-214AA, SMB  Supplier Device Package  SMB (DO-214AA)  Operating Temperature - Junction  1mA @ 200V  -55°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F  Mounting Type Surface Mount  Package / Case DO-214AA, SMB  Supplier Device Package SMB (DO-214AA)  Operating Temperature - Junction -55°C ~ 150°C	Reverse Recovery Time (trr)	-
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Package / Case DO-214AA, SMB Supplier Device Package SMB (DO-214AA) Operating Temperature - Junction -55°C ~ 150°C	Capacitance @ Vr, F	-
Supplier Device Package SMB (DO-214AA)  Operating Temperature - Junction -55°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction -55°C ~ 150°C	Package / Case	DO-214AA, SMB
	Supplier Device Package	SMB (DO-214AA)
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

#### **SK520BTR 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.

# **SK520BTR Payment Methods**





















### **SK520BTR Shipping Methods**













If you have any question about SK520BTR, please do not hesitate to contact us!

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