

SK53CHM6G

SK53CHM6G Information

| Heisener.com | Part Number Manufacturer Category Description Package | SK53CHM6G TSC America Inc. Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE, SCHOTTKY, STANDARD, 5A, 3 DO-214AB, SMC 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

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



SK53CHM6G Specifications

| ManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AB, SMCSeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)30VCurrent - Average Rectified (Io)5AVoltage - Forward (Vf) (Max) @ If550mV @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 30VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, SMCOperating Temperature - Junction-55°C ~ 150°C | | |
|--|-----------------------------------|--------------------------------------|
| CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AB, SMCSeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)30VCurrent - Average Rectified (Io)5AVoltage - Forward (Vf) (Max) @ If550mV @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)-Current - Reverse Leakage @ Vr500µA @ 30VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C | Manufacturer Part Number | SK53CHM6G |
| Diodes - Rectifiers - SinglePackageDO-214AB, SMCSeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)30VCurrent - Average Rectified (Io)5AVoltage - Forward (Vf) (Max) @ If550mV @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 30VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C | Manufacturer | TSC America Inc. |
| PackageDO-214AB, SMCSeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)30VCurrent - Average Rectified (Io)5AVoltage - Forward (Vf) (Max) @ If550mV @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 30VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C | Category | Discrete Semiconductor Products |
| SeriesAutomotive, AEC-Q101SeriesSchottkyDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max) $30V$ Current - Average Rectified (Io) $5A$ Voltage - Forward (Vf) (Max) @ If $550mV @ 5A$ SpeedFast Recovery =< $500ns, > 200mA$ (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr $500\muA @ 30V$ Current - Reverse Leakage @ Vr $500\muA @ 30V$ Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction $-55°C ~ 150°C$ | | Diodes - Rectifiers - Single |
| Diode TypeSchottkyDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)30VCurrent - Average Rectified (Io)5AVoltage - Forward (Vf) (Max) @ If550mV @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 30VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C | Package | DO-214AB, SMC |
| Voltage - DC Reverse (Vr) (Max)30VCurrent - Average Rectified (Io)5AVoltage - Forward (Vf) (Max) @ If550mV @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 30VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C | Series | Automotive, AEC-Q101 |
| Current - Average Rectified (Io)5AVoltage - Forward (Vf) (Max) @ If550mV @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 30VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C | Diode Type | Schottky |
| Voltage - Forward (Vf) (Max) @ If550mV @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 30VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C | Voltage - DC Reverse (Vr) (Max) | 30V |
| SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 30VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C | Current - Average Rectified (Io) | 5A |
| Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 30VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C | Voltage - Forward (Vf) (Max) @ If | 550mV @ 5A |
| Current - Reverse Leakage @ Vr500µA @ 30VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C | Speed | Fast Recovery =< 500ns, > 200mA (Io) |
| Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C | Reverse Recovery Time (trr) | - |
| Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C | Current - Reverse Leakage @ Vr | 500µA @ 30V |
| Package / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C | Capacitance @ Vr, F | - |
| Supplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C | Mounting Type | Surface Mount |
| Operating Temperature - Junction -55°C ~ 150°C | Package / Case | DO-214AB, SMC |
| | Supplier Device Package | DO-214AB, (SMC) |
| Report errors? | Operating Temperature - Junction | -55°C ~ 150°C |
| | | Report errors? |

SK53CHM6G 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.

SK53CHM6G Payment Methods



SK53CHM6G Shipping Methods



If you have any question about SK53CHM6G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com