

# **RSFKL RVG**

est a Quote

### **RSFKL RVG Information**

| Heisener.com       | Part Number  | RSFKL RVG   |
|--------------------|--------------|---|
|                    | Manufacturer | TSC America Inc.  |
|                    | Category     | Discrete Semiconductor Products<br>Diodes - Rectifiers - Single |
|                    | Description  | DIODE, FAST, 0.5A, 800V, 500NS,                                 |
|                    | Package      | DO-219AB  |
|                    |              | For the pricing/inventory/lead time, please contact             |
| For Reference Only |              | us  |
|                    |              | Website: https://www.heisener.com                               |
|                    |              | E-mail: salesdept@heisener.com                                  |

# **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.



## **RSFKL RVG Specifications**

| Manufacturer Part NumberRSFKL RVGManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsPackageDiodes - Rectifiers - SinglePackageDO-219ABSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Jo)500mASpeedFast Recovery = S00mA, 200mA (Io)SpeedSankardReverse Recovery Time (trr)500mSCurrent - Reverse Leakage @ Vr5µA @ 800VCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F4pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSur SGC > 15°C CSupplier Device PackageSur SGC > 15°C < 15°CSupplier Device PackageSur SGC > 15°C > |                                   |                                      |
|--|-----------------------------------|--------------------------------------|
| CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-219ABSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If1.3V @ 500mASpeedFast Recovery = <500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F4pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseD0-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C  | Manufacturer Part Number          | RSFKL RVG                            |
| IndexDiodes - Rectifiers - SinglePackageDO-219ABSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Jo)500mAVoltage - Forward (Vf) (Max) @ If1.3V @ 500mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCurrent - Reverse Leakage @ Vr5µf @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-5°C ~ 150°C  | Manufacturer                      | TSC America Inc.                     |
| PackageDO-219ABSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If1.3V @ 500mASpeedFast Recovery = < 500ms, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F4µF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction50°C ~ 150°C   | Category                          | Discrete Semiconductor Products      |
| Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If1.3V @ 500mASpeedFast Recovery =< 500ns, > 200mA (Io)Speed500nsReverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F5µF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C  |                                   | Diodes - Rectifiers - Single         |
| Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Jo)500mAVoltage - Forward (Vf) (Max) @ If1.3V @ 500mASpeedFast Recovery =< 500ns, > 200mA (Jo)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F4pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction55°C ~ 150°C  | Package                           | DO-219AB                             |
| Voltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io) $500mA$ Voltage - Forward (Vf) (Max) @ If $1.3V @ 500mA$ SpeedFast Recovery =< $500ns$ , > $200mA$ (Io)Reverse Recovery Time (trr) $500ns$ Current - Reverse Leakage @ Vr $5µA @ 800V$ Capacitance @ Vr, F $4pF @ 4V$ , $1MHz$ Mounting Type $5urface Mount$ Package / Case $DO-219AB$ Supplier Device PackageSub SMAOperating Temperature - Junction $-55°C ~ 150°C$  | Series                            | -                                    |
| Current - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If $1.3V @ 500mA$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr $5\mu A @ 800V$ Capacitance @ Vr, F4pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction $-55^{\circ}C \sim 150^{\circ}C$   | Diode Type                        | Standard                             |
| Voltage - Forward (Vf) (Max) @ If $1.3V @ 500mA$ Speed Fast Recovery = < 500ns, > 200mA (Io)   Reverse Recovery Time (trr) $500ns$ Current - Reverse Leakage @ Vr $5\muA @ 800V$ Capacitance @ Vr, F $4pF @ 4V, 1MHz$ Mounting Type Surface Mount   Package / Case $DO-219AB$ Supplier Device Package Sub SMA   Operating Temperature - Junction $-55^\circ$ C ~ 150°C   | Voltage - DC Reverse (Vr) (Max)   | 800V                                 |
| SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F4pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C  | Current - Average Rectified (Io)  | 500mA                                |
| Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F4pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C   | Voltage - Forward (Vf) (Max) @ If | 1.3V @ 500mA                         |
| Current - Reverse Leakage @ Vr5μA @ 800VCapacitance @ Vr, F4pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C   | Speed                             | Fast Recovery =< 500ns, > 200mA (Io) |
| Capacitance @ Vr, F4pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C   | Reverse Recovery Time (trr)       | 500ns                                |
| Mounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C  | Current - Reverse Leakage @ Vr    | 5μA @ 800V                           |
| Package / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C  | Capacitance @ Vr, F               | 4pF @ 4V, 1MHz                       |
| Supplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C  | Mounting Type                     | Surface Mount                        |
| Operating Temperature - Junction $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$  | Package / Case                    | DO-219AB                             |
|  | Supplier Device Package           | Sub SMA                              |
| Papart area  | Operating Temperature - Junction  | -55°C ~ 150°C                        |
| Report end   |                                   | Report errors?                       |

#### **RSFKL RVG 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.

# **RSFKL RVG Payment Methods**



# **RSFKL RVG Shipping Methods**



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