

# **RS1KL MQG**

lest a Quote

# **RS1KL MQG Information**

Heisener.com	Part Number	RS1KL MQG	
	Manufacturer	TSC America Inc.	
	Category	Discrete Semiconductor Products Diodes - Rectifiers - Single	5
	Description	DIODE, FAST, 0.8A, 800V, 500NS,	]
	Package	DO-219AB	
		For the pricing/inventory/lead time, please contact	
		us	
For Reference Only		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.



## **RS1KL MQG Specifications**

ManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-219ABSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)800mAVoltage - Forward (Vf) (Max) @ If1.3V @ 800mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F10pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMA		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-219ABSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)800mAVoltage - Forward (Vf) (Max) @ If1.3V @ 800mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCurrent - Reverse Leakage @ Vr1.0F @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction.55°C ~ 150°C	Manufacturer Part Number	RS1KL MQG
Diodes - Rectifiers - SinglePackageDO-219ABSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)800mAVoltage - Forward (Vf) (Max) @ If1.3V @ 800mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F10pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C	Manufacturer	TSC America Inc.
PackageDO-219ABSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)800mAVoltage - Forward (Vf) (Max) @ If1.3V @ 800mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCurrent - Reverse Leakage @ Vr10pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C	Category	Discrete Semiconductor Products
Series-Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)800mAVoltage - Forward (Vf) (Max) @ If1.3V @ 800mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCurrent - Reverse Leakage @ Vr10pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C		Diodes - Rectifiers - Single
Diode TypeStandardDiode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)800mAVoltage - Forward (Vf) (Max) @ If1.3V @ 800mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCurrent - Reverse Leakage @ Vr10pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C	Package	DO-219AB
Voltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)800mAVoltage - Forward (Vf) (Max) @ If1.3V @ 800mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F10pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C	Series	-
Current - Average Rectified (Io)800mAVoltage - Forward (Vf) (Max) @ If1.3V @ 800mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F10pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If1.3V @ 800mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F10pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C	Voltage - DC Reverse (Vr) (Max)	800V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F10pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C	Current - Average Rectified (Io)	800mA
Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F10pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	1.3V @ 800mA
Current - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F10pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F10pF @ 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	10pF @ 4V, 1MHz
Supplier Device PackageSub SMAOperating Temperature - Junction-55°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction -55°C ~ 150°C	Package / Case	DO-219AB
	Supplier Device Package	Sub SMA
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

#### **RS1KL MQG 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.

# **RS1KL MQG Payment Methods**



## **RS1KL MQG Shipping Methods**



If you have any question about RS1KL MQG, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com