



FR70KR05 Information

Heisener.com

Part Number FR70KR05

Manufacturer GeneSiC Semiconductor

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE GEN PURP REV 800V 70A DO5

DO-203AB, DO-5, Stud **Package**

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



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Certified Quality

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FR70KR05 Specifications

Manufacturer Part NumberFR70KR05ManufacturerGeneSiC SemiconductorCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-203AB, DO-5, StudSeries-Diode TypeStandard, Reverse PolarityVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)70AVoltage - Forward (Vf) (Max) @ If1.4V @ 70ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr25μA @ 100VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AB, DO-5, StudSupplier Device PackageDO-5Operating Temperature - Junction-40°C ~ 125°CReport errors?	Titrolities Specifications	
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Series-Diode TypeStandard, Reverse PolarityVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)70AVoltage - Forward (Vf) (Max) @ If1.4V @ 70ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr25μA @ 100VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AB, DO-5, StudSupplier Device PackageDO-5Operating Temperature - Junction-40°C ~ 125°C		Diodes - Rectifiers - Single
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Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery = < 500ns, > 200mA (Io) Reverse Recovery Time (trr) 500ns Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Chassis, Stud Mount Package / Case DO-203AB, DO-5, Stud Supplier Device Package Operating Temperature - Junction 800V 70A 1.4V @ 70A Fast Recovery = < 500ns, > 200mA (Io) Fast Recovery = < 500ns, > 200mA (Io) Chassis, Stud Mount - 40°C ~ 125°C	Series	-
Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If 1.4V @ 70A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 500ns Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Chassis, Stud Mount Package / Case DO-203AB, DO-5, Stud Supplier Device Package Operating Temperature - Junction 70A 1.4V @ 70A 1.4V @ 70A Fast Recovery =< 500ns, > 200mA (Io) Follows Fast Recovery =< 500ns, > 200mA (Io) Follows DO-5 40°C ~ 125°C	Diode Type	Standard, Reverse Polarity
Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery = < 500ns, > 200mA (Io) Reverse Recovery Time (trr) 500ns Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Chassis, Stud Mount Package / Case DO-203AB, DO-5, Stud Supplier Device Package Operating Temperature - Junction 1.4V @ 70A 1.	Voltage - DC Reverse (Vr) (Max)	800V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr25μA @ 100VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AB, DO-5, StudSupplier Device PackageDO-5Operating Temperature - Junction-40°C ~ 125°C	Current - Average Rectified (Io)	70A
Reverse Recovery Time (trr) 500ns Current - Reverse Leakage @ Vr 25 μ A @ 100V Capacitance @ Vr, F - Mounting Type	Voltage - Forward (Vf) (Max) @ If	1.4V @ 70A
Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Chassis, Stud Mount Package / Case DO-203AB, DO-5, Stud Supplier Device Package DO-5 Operating Temperature - Junction 25µA @ 100V Chassis, Stud Mount DO-203AB, DO-5, Stud -40°C ~ 125°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F Mounting Type Chassis, Stud Mount Package / Case DO-203AB, DO-5, Stud Supplier Device Package DO-5 Operating Temperature - Junction -40°C ~ 125°C	Reverse Recovery Time (trr)	500ns
Mounting Type Chassis, Stud Mount Package / Case DO-203AB, DO-5, Stud Supplier Device Package DO-5 Operating Temperature - Junction -40°C ~ 125°C	Current - Reverse Leakage @ Vr	25μA @ 100V
Package / Case DO-203AB, DO-5, Stud Supplier Device Package DO-5 Operating Temperature - Junction -40°C ~ 125°C	Capacitance @ Vr, F	-
Supplier Device Package DO-5 Operating Temperature - Junction -40°C ~ 125°C	Mounting Type	Chassis, Stud Mount
Operating Temperature - Junction -40°C ~ 125°C	Package / Case	DO-203AB, DO-5, Stud
	Supplier Device Package	DO-5
Report errors?	Operating Temperature - Junction	-40°C ~ 125°C
		Report errors?

FR70KR05 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.

FR70KR05 Payment Methods



















FR70KR05 Shipping Methods













If you have any question about FR70KR05, please do not hesitate to contact us!

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