

### FR6B05 Information

Heisener.com

Part Number FR6B05

Manufacturer GeneSiC Semiconductor

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 100V 16A DO4

DO-203AA, DO-4, Stud **Package** 

For the pricing/inventory/lead time, please contact

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

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.









# FR6B05 Specifications

Manufacturer Part Number  Manufacturer  GeneSiC Semiconductor  Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  Package  DO-203AA, DO-4, Stud  Series  -  Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  1.4V @ 6A		
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  Package  DO-203AA, DO-4, Stud  Series  -  Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Discrete Semiconductor Products  Diodes - Rectifiers - Single  DO-203AA, DO-4, Stud  -  100-203AA, DO-4, Stud  100-20	Manufacturer Part Number	FR6B05
Diodes - Rectifiers - Single  Package DO-203AA, DO-4, Stud  Series - Diode Type Standard  Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io)  Diodes - Rectifiers - Single DO-203AA, DO-4, Stud  - 100V Standard 100V	Manufacturer	GeneSiC Semiconductor
Package DO-203AA, DO-4, Stud  Series - Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 100V  Current - Average Rectified (Io) 16A	Category	Discrete Semiconductor Products
Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 100V Current - Average Rectified (Io) 16A		Diodes - Rectifiers - Single
Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 100V  Current - Average Rectified (Io) 16A	Package	DO-203AA, DO-4, Stud
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  100V  16A	Series	-
Current - Average Rectified (Io) 16A	Diode Type	Standard
	Voltage - DC Reverse (Vr) (Max)	100V
Voltage - Forward (Vf) (Max) @ If 1.4V @ 6A	Current - Average Rectified (Io)	16A
	Voltage - Forward (Vf) (Max) @ If	1.4V @ 6A
Speed Fast Recovery =< 500ns, > 200mA (Io)	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr) 500ns	Reverse Recovery Time (trr)	500ns
Current - Reverse Leakage @ Vr 25µA @ 50V	Current - Reverse Leakage @ Vr	25μA @ 50V
Capacitance @ Vr, F	Capacitance @ Vr, F	-
Mounting Type Chassis, Stud Mount	Mounting Type	Chassis, Stud Mount
Package / Case DO-203AA, DO-4, Stud	Package / Case	DO-203AA, DO-4, Stud
Supplier Device Package DO-4	Supplier Device Package	DO-4
Operating Temperature - Junction $-65^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Operating Temperature - Junction	-65°C ~ 150°C
Report errors?		Report errors?

#### FR6B05 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.

## FR6B05 Payment Methods



















# FR6B05 Shipping Methods













If you have any question about FR6B05, please do not hesitate to contact us!

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