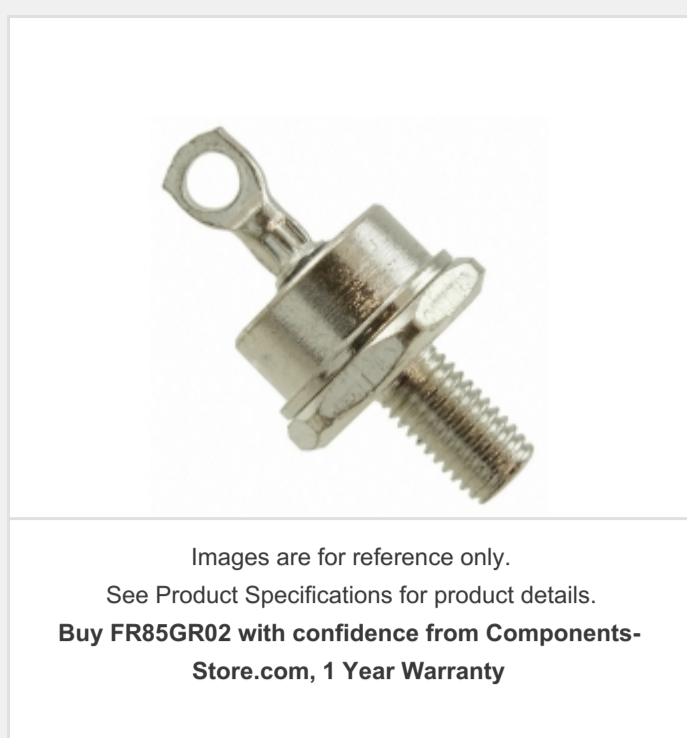


**FR85GR02**








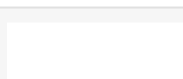

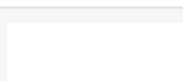
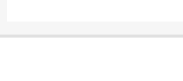

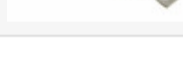


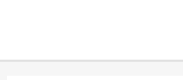
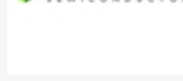



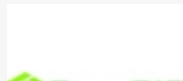
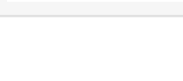
**Part Number:** [FR85GR02](#)  
**Manufacturer:** [GeneSiC Semiconductor](#)  
**Description:** DIODE GEN PURP REV 400V 85A DO5  
**Data sheet:** [PDF FR85B02 thru FR85JR02](#)  
[PDF DO-5 \(DO-203AB\) Pkg Drawing](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER	
Part Number	<a href="#">FR85GR02</a>
Manufacturer	<a href="#">GeneSiC Semiconductor</a>
Description	DIODE GEN PURP REV 400V 85A DO5
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9816 pcs
Product Photo	<a href="#">FR85GR02.jpg</a>
Category	<a href="#">Discrete Semiconductor Products</a>
Voltage - Forward (Vf) (Max) @ If	1.4V @ 85A
Voltage - DC Reverse (Vr) (Max)	400V
Supplier Device Package	DO-5
Speed	Fast Recovery = 200mA (Io)
Series	-
Reverse Recovery Time (trr)	200ns
Packaging	Bulk
Package / Case	DO-203AB, DO-5, Stud
Other Names	1242-1010
Operating Temperature - Junction	-40°C ~ 125°C
Mounting Type	Chassis, Stud Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Diode Type	Standard, Reverse Polarity
Detailed Description	Diode Standard, Reverse Polarity 400V 85A Chassis, Stud Mount DO-5
Current - Reverse Leakage @ Vr	25µA @ 100V
Current - Average Rectified (Io)	85A
Capacitance @ Vr, F	-

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 RFQ Email: [info@Components-Store.com](mailto:info@Components-Store.com)

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 Part#: <a href="#">FR85G02</a> Description: DIODE GEN PURP 400V 85A DO5	Manufacturers: <a href="#">GeneSiC Semiconductor</a> In Stock: 12971	<a href="#">RFQ</a>
 Part#: <a href="#">FR85D02</a> Description: DIODE GEN PURP 200V 85A DO5	Manufacturers: <a href="#">GeneSiC Semiconductor</a> In Stock: 8998	<a href="#">RFQ</a>
 Part#: <a href="#">FR85KR05</a> Description: DIODE GEN PURP REV 800V 85A DO5	Manufacturers: <a href="#">GeneSiC Semiconductor</a> In Stock: 9277	<a href="#">RFQ</a>
 Part#: <a href="#">FR85DR02</a> Description: DIODE GEN PURP REV 200V 85A DO5	Manufacturers: <a href="#">GeneSiC Semiconductor</a> In Stock: 9027	<a href="#">RFQ</a>
 Part#: <a href="#">FR85BR02</a> Description: DIODE GEN PURP REV 100V 85A DO5	Manufacturers: <a href="#">GeneSiC Semiconductor</a> In Stock: 9251	<a href="#">RFQ</a>
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 Part#: <a href="#">FR85M05</a> Description: DIODE GEN PURP 1KV 85A DO5	Manufacturers: <a href="#">GeneSiC Semiconductor</a> In Stock: 9544	<a href="#">RFQ</a>
 Part#: <a href="#">FR85B05</a> Description: DIODE GEN PURP 100V 85A DO5	Manufacturers: <a href="#">GeneSiC Semiconductor</a> In Stock: 8551	<a href="#">RFQ</a>
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