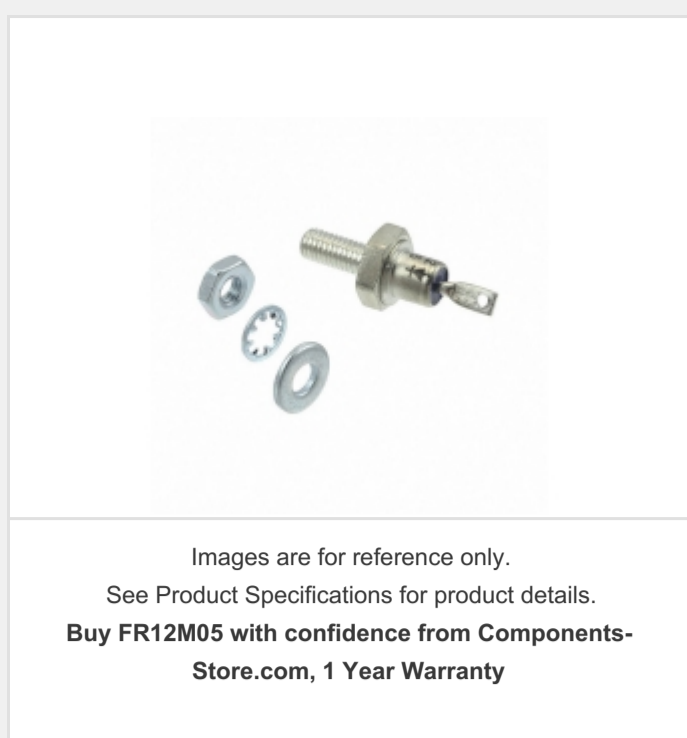


**FR12M05**



**Part Number:** [FR12M05](#)  
**Manufacturer:** [GeneSIC Semiconductor](#)  
**Description:** DIODE GEN PURP 1KV 12A DO4  
**Data sheet:** [PDF DO-4 \(DO-203AA\) Pkg Drawing](#)  
[PDF FR12K05-MR05](#)

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

Images are for reference only.  
 See Product Specifications for product details.  
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PRODUCT PARAMETER	
Part Number	<a href="#">FR12M05</a>
Manufacturer	<a href="#">GeneSIC Semiconductor</a>
Description	DIODE GEN PURP 1KV 12A DO4
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21839 pcs
Product Photo	<a href="#">FR12M05.jpg</a>
Category	<a href="#">Discrete Semiconductor Products</a>
Voltage - Forward (Vf) (Max) @ If	800mV @ 12A
Voltage - DC Reverse (Vr) (Max)	1000V
Supplier Device Package	DO-4
Speed	Fast Recovery = 200mA (Io)
Series	-
Reverse Recovery Time (trr)	500ns
Packaging	Bulk
Package / Case	DO-203AA, DO-4, Stud
Other Names	1242-1213 FR12M05GN FR12M05GN-ND
Operating Temperature - Junction	-65°C ~ 150°C
Mounting Type	Chassis, Stud Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Diode Type	Standard
Detailed Description	Diode Standard 1000V 12A Chassis, Stud Mount DO-4
Current - Reverse Leakage @ Vr	25µA @ 100V
Current - Average Rectified (Io)	12A
Capacitance @ Vr, F	-

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	Part#: <a href="#">FR12TB2412</a> Description: CABLE DUCT TRAPEZE BRACKET	Manufacturers: <a href="#">Panduit</a> In Stock: 870	<a href="#">RFQ</a>
	Part#: <a href="#">FR12MR05</a> Description: DIODE GEN PURP REV 1KV 12A DO4	Manufacturers: <a href="#">GeneSIC Semiconductor</a> In Stock: 18072	<a href="#">RFQ</a>
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