


	<b>SM75F</b>
	<b>Manufacturer Part Number:</b> <a href="#">SM75F</a>
	<b>Manufacturer/Brand:</b> <a href="#">Semtech</a>
	<b>Part of Description:</b> DIODE GEN PURP 7.5KV 290MA AXIAL
	<b>Datasheets:</b>  <a href="#">SM75F.pdf</a>
	<b>RoHs Status:</b>  Lead free / RoHS
	<b>Stock Condition:</b> Compliant New original, Stock Available.
	<b>Ship From:</b> Hong Kong
Image may be representation. See specs for product details.	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

### Specifications









Part Number	<a href="#">SM75F</a>
Manufacturer	<a href="#">Semtech</a>
Description	DIODE GEN PURP 7.5KV 290MA AXIAL
Category	<a href="#">Discrete Semiconductor Products &gt; Diodes - Rectifiers -</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Voltage - Forward (Vf) (Max) @ If	12V @ 100mA
Voltage - DC Reverse (Vr) (Max)	7500V (7.5kV)
Supplier Device Package	Axial
Speed	Fast Recovery = 200mA (Io)
Series	-
Reverse Recovery Time (trr)	300ns
Packaging	Bulk
Package / Case	Axial
Operating Temperature - Junction	-65°C ~ 175°C
Mounting Type	Through Hole
Diode Type	Standard
Current - Reverse Leakage @ Vr	1µA @ 7500V
Current - Average Rectified (Io)	290mA
Capacitance @ Vr, F	3pF @ 5V, 1MHz

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