

3SM0 Information



For Reference Only

Part Number [3SM0](#)
Manufacturer Semtech Corporation
Category Discrete Semiconductor Products
[Diodes - Rectifiers - Single](#)
Description DIODE GEN PURP 1KV 5A AXIAL
Package Axial
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



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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.



3SM0 Specifications

Manufacturer Part Number	3SM0
Manufacturer	Semtech Corporation
Category	Discrete Semiconductor Products Diodes - Rectifiers - Single
Package	Axial
Series	Automotive, AEC-Q101
Diode Type	Standard
Voltage - DC Reverse (Vr) (Max)	1000V
Current - Average Rectified (Io)	5A
Voltage - Forward (Vf) (Max) @ If	1V @ 3A
Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	2µs
Current - Reverse Leakage @ Vr	1µA @ 2000V
Capacitance @ Vr, F	92pF @ 5V, 1MHz
Mounting Type	Through Hole
Package / Case	Axial
Supplier Device Package	Axial
Operating Temperature - Junction	-

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3SM0 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.

3SM0 Payment Methods



3SM0 Shipping Methods



If you have any question about 3SM0, please do not hesitate to contact us!

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