

120NQ045R-1 Information


For Reference Only

Part Number [120NQ045R-1](#)
Manufacturer SMC Diode Solutions
Category Discrete Semiconductor Products
[Diodes - Rectifiers - Single](#)
Description DIODE SCHOTTKY 45V 120A PRM1-1
Package HALF-PAK
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 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.


120NQ045R-1 Specifications

Manufacturer Part Number	120NQ045R-1
Manufacturer	SMC Diode Solutions
Category	Discrete Semiconductor Products
	Diodes - Rectifiers - Single
Package	HALF-PAK
Series	-
Diode Type	Schottky
Voltage - DC Reverse (Vr) (Max)	45V
Current - Average Rectified (Io)	120A
Voltage - Forward (Vf) (Max) @ If	610mV @ 120A
Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	-
Current - Reverse Leakage @ Vr	10mA @ 45V
Capacitance @ Vr, F	5200pF @ 5V, 1MHz
Mounting Type	Chassis Mount
Package / Case	HALF-PAK
Supplier Device Package	PRM1-1 (Half Pak Module)
Operating Temperature - Junction	-55°C ~ 150°C

[Report errors?](#)

120NQ045R-1 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.

120NQ045R-1 Payment Methods



120NQ045R-1 Shipping Methods



If you have any question about 120NQ045R-1, please do not hesitate to contact us!

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