

SBR1045D1Q-13 Information


For Reference Only

Part Number [SBR1045D1Q-13](#)
Manufacturer Diodes Incorporated
Category Discrete Semiconductor Products
[Diodes - Rectifiers - Single](#)
Description DIODE SBR 45V 10A TO252
Package TO-252-3, DPak (2 Leads + Tab), SC-63
 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.


SBR1045D1Q-13 Specifications

Manufacturer Part Number	SBR1045D1Q-13
Manufacturer	Diodes Incorporated
Category	Discrete Semiconductor Products Diodes - Rectifiers - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	Automotive, AEC-Q101, SBR?
Diode Type	Super Barrier
Voltage - DC Reverse (Vr) (Max)	45V
Current - Average Rectified (Io)	10A
Voltage - Forward (Vf) (Max) @ If	580mV @ 10A
Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	-
Current - Reverse Leakage @ Vr	300µA @ 45V
Capacitance @ Vr, F	400pF @ 5V, 1MHz
Mounting Type	Surface Mount
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplier Device Package	TO-252, (D-Pak)
Operating Temperature - Junction	-55°C ~ 150°C

[Report errors?](#)

SBR1045D1Q-13 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.

SBR1045D1Q-13 Payment Methods



SBR1045D1Q-13 Shipping Methods



If you have any question about SBR1045D1Q-13, please do not hesitate to contact us!

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