

VS-MBRB1645PBF

VS-MBRB1645PBF Information



For Reference Only

Part Number VS-MBRB1645PBF

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE SCHOTTKY 45V 16A D2PAK

Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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VS-MBRB1645PBF Specifications

Manufacturer Part Number Manufacturer Vishay Semiconductor Diodes Division Discrete Semiconductor Products Diodes - Rectifiers - Single Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series - Diode Type Schottky Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Surface Mount TO 260 & ROPP I (A to the Tab), TO 260AP		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io)16AVoltage - Forward (Vf) (Max) @ If630mV @ 16ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200μA @ 45VCapacitance @ Vr, F-Mounting TypeSurface Mount	Manufacturer Part Number	VS-MBRB1645PBF
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Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io)16AVoltage - Forward (Vf) (Max) @ If630mV @ 16ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200μA @ 45VCapacitance @ Vr, F-Mounting TypeSurface Mount		Diodes - Rectifiers - Single
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Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If 630mV @ 16A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type 45V 45V 200μA @ 45V - Surface Mount	Series	-
Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type 16A 630mV @ 16A Fast Recovery =< 500ns, > 200mA (Io) - 200µA @ 45V Surface Mount	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type 630mV @ 16A Fast Recovery =< 500ns, > 200mA (Io) - 200μA @ 45V Surface Mount	Voltage - DC Reverse (Vr) (Max)	45V
Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 200μA @ 45V Capacitance @ Vr, F - Mounting Type Surface Mount	Current - Average Rectified (Io)	16A
Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 200μA @ 45V Capacitance @ Vr, F - Mounting Type Surface Mount	Voltage - Forward (Vf) (Max) @ If	630mV @ 16A
Current - Reverse Leakage @ Vr 200µA @ 45V Capacitance @ Vr, F - Mounting Type Surface Mount	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F - Mounting Type Surface Mount	Reverse Recovery Time (trr)	-
Mounting Type Surface Mount	Current - Reverse Leakage @ Vr	200μA @ 45V
C 71	Capacitance @ Vr, F	-
D 1 / C	Mounting Type	Surface Mount
Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Supplier Device Package D2PAK	Supplier Device Package	D2PAK
Operating Temperature - Junction $-65^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Operating Temperature - Junction	-65°C ~ 150°C
Report errors?		Report errors?

VS-MBRB1645PBF 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.

VS-MBRB1645PBF Payment Methods



















VS-MBRB1645PBF Shipping Methods













If you have any question about VS-MBRB1645PBF, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com