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MBRB3045CTHE3_A/I

MBRB3045CTHE3_A/I Information

Part Number MBRB3045CTHE3_A/I

Manufacturer Vishay Semiconductor Diodes Division

Discrete Semiconductor Products Category

Diodes - Rectifiers - Arrays

DIODE ARRAY SCHOTTKY 45V TO263-3 **Description** TO-263-3, D2Pak (2 Leads + Tab), TO-263AB **Package**

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com





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.









MBRB3045CTHE3_A/I Specifications

Manufacturer Part NumberMBRB3045CTHE3_A/IManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsPackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeriesAutomotive, AEC-Q101Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io) (per Diode)15AVoltage - Forward (Vf) (Max) @ If600mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ VrImA @ 45VOperating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263AB		
Discrete Semiconductor Products Diodes - Rectifiers - Arrays Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series Automotive, AEC-Q101 Diode Configuration 1 Pair Common Cathode Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 45V Current - Average Rectified (Io) (per Diode) 15A Voltage - Forward (Vf) (Max) @ If 600mV @ 20A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Operating Temperature - Junction Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263AB	Manufacturer Part Number	MBRB3045CTHE3_A/I
Diodes - Rectifiers - Arrays Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series Automotive, AEC-Q101 Diode Configuration 1 Pair Common Cathode Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 45V Current - Average Rectified (Io) (per Diode) 15A Voltage - Forward (Vf) (Max) @ If 600mV @ 20A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 1mA @ 45V Operating Temperature - Junction -65°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263AB	Manufacturer	Vishay Semiconductor Diodes Division
Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series Automotive, AEC-Q101 Diode Configuration 1 Pair Common Cathode Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 45V Current - Average Rectified (Io) (per Diode) 15A Voltage - Forward (Vf) (Max) @ If 600mV @ 20A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 1mA @ 45V Operating Temperature - Junction -65°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263AB	Category	Discrete Semiconductor Products
Series Automotive, AEC-Q101 Diode Configuration 1 Pair Common Cathode Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 45V Current - Average Rectified (Io) (per Diode) 15A Voltage - Forward (Vf) (Max) @ If 600mV @ 20A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 1mA @ 45V Operating Temperature - Junction -65°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263AB		Diodes - Rectifiers - Arrays
Diode Configuration 1 Pair Common Cathode Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 45V Current - Average Rectified (Io) (per Diode) Voltage - Forward (Vf) (Max) @ If 600mV @ 20A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 1mA @ 45V Operating Temperature - Junction -65°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263AB	Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Diode Type Schottky Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) (per Diode) 15A Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr ImA @ 45V Operating Temperature - Junction Operating Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Series	Automotive, AEC-Q101
Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) (per Diode) 15A Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Operating Temperature - Junction Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Diode Configuration	1 Pair Common Cathode
Current - Average Rectified (Io) (per Diode) Voltage - Forward (Vf) (Max) @ If 600mV @ 20A Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 1mA @ 45V Operating Temperature - Junction -65°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Operating Temperature - Junction Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Voltage - DC Reverse (Vr) (Max)	45V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr1mA @ 45VOperating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263AB	Current - Average Rectified (Io) (per Diode)	15A
Reverse Recovery Time (trr) Current - Reverse Leakage @ Vr Departing Temperature - Junction -65°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263AB	Voltage - Forward (Vf) (Max) @ If	600mV @ 20A
Current - Reverse Leakage @ Vr Operating Temperature - Junction -65°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263AB	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Operating Temperature - Junction -65°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263AB	Reverse Recovery Time (trr)	-
Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263AB	Current - Reverse Leakage @ Vr	1mA @ 45V
Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263AB	Operating Temperature - Junction	-65°C ~ 150°C
Supplier Device Package TO-263AB	Mounting Type	Surface Mount
	Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Report errors?	Supplier Device Package	TO-263AB
		Report errors?

MBRB3045CTHE3_A/I 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.

MBRB3045CTHE3_A/I Payment Methods



















MBRB3045CTHE3_A/I Shipping Methods













If you have any question about MBRB3045CTHE3_A/I, please do not hesitate to contact us!

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