

MBR2045CTHE3/45

MBR2045CTHE3/45 Information

www.inciscon.com	Part Number	MBR2045CTHE3/45	
	Manufacturer	Vishay Semiconductor Diodes Division	Tell 1799 Sel
	Category	Discrete Semiconductor Products Diodes - Rectifiers - Arrays	
	Description	DIODE ARRAY SCHOTTKY 45V TO220AB	- 39,393
	Package	TO-220-3	- ACC
		For the pricing/inventory/lead time, please contact	El 1944
r Reference Only		us Website: https://www.heisener.com	Dermost o Or

E-mail: salesdept@heisener.com

For Reference Only

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.



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MBR2045CTHE3/45 Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - ArraysPackageTO-220-3Series-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If650mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 45VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3		
CategoryDiscrete Semiconductor ProductsPackageDiodes - Rectifiers - ArraysPackageTO-220-3Series-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If650mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)-Current - Reverse Leakage @ Vr100µA @ 45VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220.3Supplier Device PackageTO-220AB	Manufacturer Part Number	MBR2045CTHE3/45
Diodes - Rectifiers - ArraysPackageTO-220-3Series-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If650mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 45VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220AB	Manufacturer	Vishay Semiconductor Diodes Division
Package TO-220-3 Series - Diode Configuration 1 Pair Common Cathode Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 45V Current - Average Rectified (Io) (per Diode) 10A Voltage - Forward (Vf) (Max) @ If 650mV @ 10A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 100µA @ 45V Operating Temperature - Junction -65°C ~ 150°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220AB	Category	Discrete Semiconductor Products
Series-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VVoltage - DC Reverse (Vr) (Max) @ If650mV @ 10AVoltage - Forward (Vf) (Max) @ If650mV @ 10ASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 45VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220AB		Diodes - Rectifiers - Arrays
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Voltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If650mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 45VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220AB	Diode Configuration	1 Pair Common Cathode
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Voltage - Forward (Vf) (Max) @ If650mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 45VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220AB	Voltage - DC Reverse (Vr) (Max)	45V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 45VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220AB	Current - Average Rectified (Io) (per Diode)	10A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 45VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220AB	Voltage - Forward (Vf) (Max) @ If	650mV @ 10A
Current - Reverse Leakage @ Vr100μA @ 45VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220AB	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Operating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220AB	Reverse Recovery Time (trr)	-
Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220AB	Current - Reverse Leakage @ Vr	100µA @ 45V
Package / CaseTO-220-3Supplier Device PackageTO-220AB	Operating Temperature - Junction	-65°C ~ 150°C
Supplier Device Package TO-220AB	Mounting Type	Through Hole
	Package / Case	TO-220-3
Report errors?	Supplier Device Package	TO-220AB
		Report errors?

MBR2045CTHE3/45 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

MBR2045CTHE3/45 Payment Methods





If you have any question about MBR2045CTHE3/45, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com