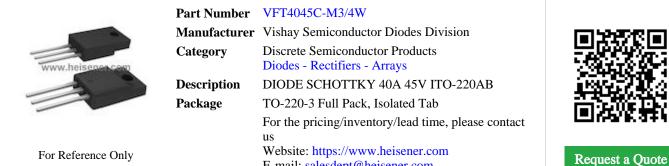


VFT4045C-M3/4W

VFT4045C-M3/4W Information



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.



VFT4045C-M3/4W Specifications

Manufacturer Part NumberVFT4045C-M3/4WManufacturerVishay Semiconductor Diodes DivisionCategoryDiodes Cectifiers - ArraysPackageTO-220-3 Full Pack, Isolated TabSeriesTMBS?Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io) (per Diode)20ASpeedFast Recovery Time (trr)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr3mA @ 45VOperating Temperature - Junction40°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220.3 Full Pack, Isolated TabSupplier Device PackageTO-220.3 Full Pack, Isolated Tab		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - ArraysPackageTO-220-3 Full Pack, Isolated TabSeriesTMBS?Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io) (per Diode)20AVoltage - Forward (Vf) (Max) @ If580mV @ 20ASpeedFast Recovery =< 500ms, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr3mA @ 45VOperating Temperature - Junction40°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220.3 Full Pack, Isolated TabSupplier Device PackageTO-220.4B	Manufacturer Part Number	VFT4045C-M3/4W
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PackageTO-220-3 Full Pack, Isolated TabSeriesTMBS?Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io) (per Diode)20AVoltage - Forward (Vf) (Max) @ If580mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)-Current - Reverse Leakage @ Vr3mA @ 45VOperating Temperature - Junction-40°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220AF Jul Pack, Isolated TabSupplier Device PackageTO-220AB	Category	Discrete Semiconductor Products
SeriesTMBS?Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io) (per Diode)20AVoltage - Forward (Vf) (Max) @ If580mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr3mA @ 45VOperating Temperature - Junction-40°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220ABSupplier Device PackageTO-220AB		Diodes - Rectifiers - Arrays
Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io) (per Diode)20AVoltage - Forward (Vf) (Max) @ If580mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr3mA @ 45VOperating Temperature - Junction-40°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageTTO-220AB	Package	TO-220-3 Full Pack, Isolated Tab
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Voltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io) (per Diode)20AVoltage - Forward (Vf) (Max) @ If580mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr3mA @ 45VOperating Temperature - Junction-40°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220.3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Diode Configuration	1 Pair Common Cathode
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Voltage - Forward (Vf) (Max) @ If580mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr3mA @ 45VOperating Temperature - Junction-40°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Voltage - DC Reverse (Vr) (Max)	45V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr3mA @ 45VOperating Temperature - Junction-40°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Current - Average Rectified (Io) (per Diode)	20A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr3mA @ 45VOperating Temperature - Junction-40°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Voltage - Forward (Vf) (Max) @ If	580mV @ 20A
Current - Reverse Leakage @ Vr3mA @ 45VOperating Temperature - Junction-40°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Operating Temperature - Junction-40°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Reverse Recovery Time (trr)	-
Mounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Current - Reverse Leakage @ Vr	3mA @ 45V
Package / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Operating Temperature - Junction	$-40^{\circ}C \sim 150^{\circ}C$
Supplier Device Package ITO-220AB	Mounting Type	Through Hole
	Package / Case	TO-220-3 Full Pack, Isolated Tab
Report errors	Supplier Device Package	ITO-220AB
1		Report errors?

VFT4045C-M3/4W 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.

VFT4045C-M3/4W Payment Methods



VFT4045C-M3/4W Shipping Methods



If you have any question about VFT4045C-M3/4W, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com