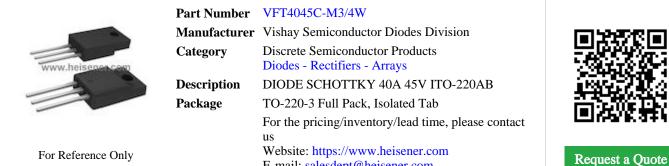


# **VFT4045C-M3/4W**

#### 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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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