



VBT1045C-E3/8W Information



For Reference Only

Part Number VBT1045C-E3/8W

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Arrays

DescriptionDIODE SCHOTTKY 10A 45V TO-263AB**Package**TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

For the pricing/inventory/lead time, please contact

us

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



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VBT1045C-E3/8W Specifications

Manufacturer Part NumberVBT1045C-E3/8WManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsPackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeriesTMBS?Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io) (per Diode)5AVoltage - Forward (Vf) (Max) @ If580mV @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 45VOperating Temperature - Junction-40°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageTO-263AB		
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Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) (per Diode) 5A Voltage - Forward (Vf) (Max) @ If 580mV @ 5A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Operating Temperature - Junction 40°C ~ 150°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Diode Configuration	1 Pair Common Cathode
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Current - Reverse Leakage @ Vr $500\mu A$ @ $45V$ Operating Temperature - Junction $-40^{\circ}C \sim 150^{\circ}C$ Mounting Type Surface Mount $-40^{\circ}C \sim 150^{\circ}C$ Package / Case $-40^{\circ}C \sim 150^{\circ}C$ Surface Mount $-40^{\circ}C \sim 150^{\circ}C$ TO-263-3, D2Pak (2 Leads + Tab), TO-263AB $-40^{\circ}C \sim 150^{\circ}C$	Speed	Fast Recovery =< 500ns, > 200mA (Io)
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Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263AB	Operating Temperature - Junction	-40°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?

VBT1045C-E3/8W 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.

VBT1045C-E3/8W Payment Methods



















VBT1045C-E3/8W Shipping Methods













If you have any question about VBT1045C-E3/8W, please do not hesitate to contact us!

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