



MBRF10100-M3/4W Information

Heisener.com

Part Number MBRF10100-M3/4W

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE SCHOTTKY 100V 10A ITO220AC

TO-220-2 Full Pack, Isolated Tab **Package**

For the pricing/inventory/lead time, please contact

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

E-mail: salesdept@heisener.com



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MBRF10100-M3/4W Specifications

Manufacturer Part NumberMBRF10100-M3/4WManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-220-2 Full Pack, Isolated TabSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)10AVoltage - Forward (Vf) (Max) @ If800mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full Pack, Isolated TabSupplier Device PackageITO-220ACOperating Temperature - Junction-65°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-220-2 Full Pack, Isolated TabSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)10AVoltage - Forward (Vf) (Max) @ If800mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full Pack, Isolated TabSupplier Device PackageITO-220AC	Manufacturer Part Number	MBRF10100-M3/4W
Diodes - Rectifiers - Single TO-220-2 Full Pack, Isolated Tab Series - Diode Type Schottky Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 100µA @ 100V Capacitance @ Vr, F Mounting Type Through Hole Package / Case TO-220-2 Full Pack, Isolated Tab Supplier Device Package	Manufacturer	Vishay Semiconductor Diodes Division
PackageTO-220-2 Full Pack, Isolated TabSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)10AVoltage - Forward (Vf) (Max) @ If800mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full Pack, Isolated TabSupplier Device PackageITO-220AC	Category	Discrete Semiconductor Products
Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)10AVoltage - Forward (Vf) (Max) @ If800mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full Pack, Isolated TabSupplier Device PackageITO-220AC		Diodes - Rectifiers - Single
Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)10AVoltage - Forward (Vf) (Max) @ If800mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full Pack, Isolated TabSupplier Device PackageITO-220AC	Package	TO-220-2 Full Pack, Isolated Tab
Voltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)10AVoltage - Forward (Vf) (Max) @ If800mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full Pack, Isolated TabSupplier Device PackageITO-220AC	Series	-
Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Through Hole Package / Case TO-220-2 Full Pack, Isolated Tab Supplier Device Package	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If800mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full Pack, Isolated TabSupplier Device PackageITO-220AC	Voltage - DC Reverse (Vr) (Max)	100V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full Pack, Isolated TabSupplier Device PackageITO-220AC	Current - Average Rectified (Io)	10A
Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 100μA @ 100V Capacitance @ Vr, F - Mounting Type Through Hole Package / Case TO-220-2 Full Pack, Isolated Tab Supplier Device Package ITO-220AC	Voltage - Forward (Vf) (Max) @ If	800mV @ 10A
Current - Reverse Leakage @ Vr 100µA @ 100V Capacitance @ Vr, F - Mounting Type Through Hole Package / Case TO-220-2 Full Pack, Isolated Tab Supplier Device Package ITO-220AC	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F - Mounting Type Through Hole Package / Case TO-220-2 Full Pack, Isolated Tab Supplier Device Package ITO-220AC	Reverse Recovery Time (trr)	-
Mounting Type Through Hole Package / Case TO-220-2 Full Pack, Isolated Tab Supplier Device Package ITO-220AC	Current - Reverse Leakage @ Vr	100μA @ 100V
Package / Case TO-220-2 Full Pack, Isolated Tab Supplier Device Package ITO-220AC	Capacitance @ Vr, F	-
Supplier Device Package ITO-220AC	Mounting Type	Through Hole
	Package / Case	TO-220-2 Full Pack, Isolated Tab
Operating Temperature - Junction $-65^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Supplier Device Package	ITO-220AC
	Operating Temperature - Junction	-65°C ~ 150°C
Report errors?		Report errors?

MBRF10100-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 Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

MBRF10100-M3/4W Payment Methods



















MBRF10100-M3/4W Shipping Methods













If you have any question about MBRF10100-M3/4W, please do not hesitate to contact us!

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