



### **MBRF2045HC0G Information**

Heisener.com

Part Number MBRF2045HC0G Manufacturer TSC America Inc.

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE, SCHOTTKY, STANDARD, 20A,

Package TO-220-2 Full Pack

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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## **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.









## **MBRF2045HC0G Specifications**

Manufacturer Part NumberMBRF2045HCOGManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-220-2 Full PackSeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io)20AVoltage - Forward (Vf) (Max) @ If750mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200μA @ 45VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageITO-220ACOperating Temperature - Junction-55°C ~ 150°C	Tible 20 icircus Specifications	
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  TO-220-2 Full Pack  Series  Automotive, AEC-Q101  Diode Type  Schottky  Voltage - DC Reverse (Vr) (Max)  45V  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  750mV @ 20A  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  Supplier Device Package  Operating Temperature - Junction  Discrete Semiconductor Products  Diodes - Rectifiers - Single  TO-220-2 Full Pack  TO-220-2 Full Pack  TO-220-2 Full Pack  TO-220-2 Full Pack	Manufacturer Part Number	MBRF2045HC0G
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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  Supplier Device Package  ITO-220AC  Operating Temperature - Junction  750mV @ 20A  750mV @ 20A  750mV @ 20A  750mS	Voltage - DC Reverse (Vr) (Max)	45V
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Mounting Type  Package / Case  TO-220-2 Full Pack  Supplier Device Package  ITO-220AC  Operating Temperature - Junction  Through Hole  TO-220-2 Full Pack  ITO-220AC	Current - Reverse Leakage @ Vr	200μA @ 45V
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Supplier Device Package ITO-220AC  Operating Temperature - Junction -55°C ~ 150°C	Mounting Type	Through Hole
Operating Temperature - Junction -55°C ~ 150°C	Package / Case	TO-220-2 Full Pack
	Supplier Device Package	ITO-220AC
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

#### **MBRF2045HC0G 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.

# MBRF2045HC0G Payment Methods



















### **MBRF2045HC0G Shipping Methods**













If you have any question about MBRF2045HC0G, please do not hesitate to contact us!

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