

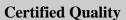
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# MBRF10L100CT C0G

### **MBRF10L100CT C0G Information**

Part Number	MBRF10L100CT C0G
Manufacturer	TSC America Inc.
Category	Discrete Semiconductor Products Diodes - Rectifiers - Arrays
Description	DIODE, SCHOTTKY, STANDARD, 10A,
Package	TO-220-3 Full Pack, Isolated Tab
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



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.



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## MBRF10L100CT C0G Specifications

Manufacturer TSC America Inc.   Category Discrete Semiconductor Products   Diodes - Rectifiers - Arrays Diodes - Rectifiers - Arrays   Package TO-220-3 Full Pack, Isolated Tab   Series -   Diode Configuration 1 Pair Common Cathode   Diode Type Schottky   Voltage - DC Reverse (Vr) (Max) 100V   Current - Average Rectified (Io) (per Diode) 10A   Voltage - Forward (Vf) (Max) @ If 850mV @ 10A   Speed Fast Recovery =< 500ns, > 200mA (Io)   Reverse Recovery Time (trr) -   Current - Reverse Leakage @ Vr 20mA @ 100V   Operating Temperature - Junction -55°C ~ 150°C   Mounting Type Through Hole   Package / Case TO-220-3 Full Pack, Isolated Tab		
CategoryDiscrete Semiconductor Products Diodes - Rectifiers - ArraysPackageTO-220-3 Full Pack, Isolated TabSeries-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If850m V @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr20mA @ 100VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220AB Full Pack, Isolated TabSupplier Device PackageITO-220AB	Manufacturer Part Number	MBRF10L100CT C0G
Diodes - Rectifiers - ArraysPackageTO-220-3 Full Pack, Isolated TabSeries-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If850mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr20mA @ 100VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220.3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Manufacturer	TSC America Inc.
PackageTO-220-3 Full Pack, Isolated TabSeries-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If850mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr20mA @ 100VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Category	Discrete Semiconductor Products
Series-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If850mV @ 10ASpeedFast Recovery = < 500ms, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr20mA @ 100VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220ABSupplier Device PackageITO-220AB		Diodes - Rectifiers - Arrays
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Diode TypeSchottkyDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If850mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Speed-Current - Reverse Leakage @ Vr20mA @ 100VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220.3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Series	-
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Voltage - Forward (Vf) (Max) @ If850mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr20mA @ 100VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Voltage - DC Reverse (Vr) (Max)	100V
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Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr20mA @ 100VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Voltage - Forward (Vf) (Max) @ If	850mV @ 10A
Current - Reverse Leakage @ Vr20mA @ 100VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Operating Temperature - Junction-55°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	20mA @ 100V
Package / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Operating Temperature - Junction	-55°C ~ 150°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
		Report errors?

#### MBRF10L100CT C0G 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.

#### MBRF10L100CT C0G Payment Methods



If you have any question about MBRF10L100CT COG, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com