

# **MBR2040CT**

### **MBR2040CT Information**

www.thelsenge.com	 MBR2040CT Diodes Incorporated Discrete Semiconductor Products Diodes - Rectifiers - Arrays DIODE ARRAY SCHOTTKY 40V TO220AB TO-220-3 For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

# **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.



# **MBR2040CT** Specifications

Manufacturer Part NumberMBR2040CTManufacturerDiodes IncorporatedCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - ArraysDiodes - Rectifiers - ArraysPackageTO-220-3Series-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io) (per Diode)20ASpeedFast Recovery =< 500ns, > 200mA (Io)Speed-Current - Reverse Leakage @ Vr100µA @ 40VOperating Temperature - Junction-55° < 150°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220AB		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - ArraysPackageTO-220-3Series-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io) (per Diode)20ASpeedFast Recovery =< 500ns, > 200mA (Io)Speed-Current - Reverse Leakage @ Vr100µA @ 40VOperating Type-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3	Manufacturer Part Number	MBR2040CT
Diodes - Rectifiers - ArraysPackageTO-220-3Series-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io) (per Diode)20AVoltage - Forward (Vf) (Max) @ If840mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 40VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3	Manufacturer	Diodes Incorporated
PackageTO-220-3Series-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io) (per Diode)20AVoltage - Forward (Vf) (Max) @ If840mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100 $\mu$ A @ 40VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3	Category	Discrete Semiconductor Products
YearSeries-Series-1 Pair Common CathodeDiode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Jo) (per Diode)20AVoltage - Forward (Vf) (Max) @ If840mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 40VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3		Diodes - Rectifiers - Arrays
NumberPriceDiode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io) (per Diode)20AVoltage - Forward (Vf) (Max) @ If840mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 40VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3	Package	TO-220-3
Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io) (per Diode)20AVoltage - Forward (Vf) (Max) @ If840mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 40VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3	Series	-
Voltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io) (per Diode)20AVoltage - Forward (Vf) (Max) @ If840mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 40VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3	Diode Configuration	1 Pair Common Cathode
Current - Average Rectified (Io) (per Diode)20AVoltage - Forward (Vf) (Max) @ If840mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 40VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If840mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 40VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3	Voltage - DC Reverse (Vr) (Max)	40V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 40VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3	Current - Average Rectified (Io) (per Diode)	20A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 40VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3	Voltage - Forward (Vf) (Max) @ If	840mV @ 20A
Current - Reverse Leakage @ Vr100μA @ 40VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Operating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3	Reverse Recovery Time (trr)	-
Mounting TypeThrough HolePackage / CaseTO-220-3	Current - Reverse Leakage @ Vr	100µA @ 40V
Package / Case TO-220-3	Operating Temperature - Junction	-55°C ~ 150°C
	Mounting Type	Through Hole
Supplier Device Package TO-220AB	Package / Case	TO-220-3
	Supplier Device Package	TO-220AB
Report errors?		Report errors?

#### **MBR2040CT 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.

#### **MBR2040CT Payment Methods**



# **MBR2040CT** Shipping Methods



If you have any question about MBR2040CT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com