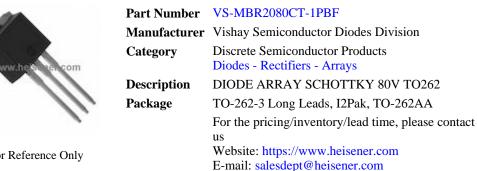


# VS-MBR2080CT-1PBF

#### **VS-MBR2080CT-1PBF Information**





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For Reference Only

### **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.



# **VS-MBR2080CT-1PBF** Specifications

Manufacturer Vishay Semiconductor Diodes Division   Category Diocret Semiconductor Products   Diodes - Rectifiers - Arrays Diodes - Rectifiers - Arrays   Package TO-262-3 Long Leads, I2Pak, TO-262AA   Series -   Diode Configuration 1 Pair Common Cathode   Diode Type Schottky   Voltage - DC Reverse (Vr) (Max) 80V   Current - Average Rectified (Io) (per Diode) 10A   Voltage - Forward (Vf) (Max) @ If 800mV @ 10A   Speed Fast Recovery =< 500ns, > 200mA (Io)   Reverse Recovery Time (trr) -   Current - Reverse Leakage @ Vr 100µA @ 80V   Operating Temperature - Junction 65°C ~ 150°C   Mounting Type Through Hole   Package / Case TO-262-3 Long Leads, 12Pak, TO-262AA		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - ArraysPackageTO-262-3 Long Leads, I2Pak, TO-262AASeries-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)80VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If800mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 80VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262.3 Long Leads, I2Pak, TO-262AASupplier Device PackageTO-262Supplier Device PackageTO-262	Manufacturer Part Number	VS-MBR2080CT-1PBF
Diodes - Rectifiers - ArraysPackageTO-262-3 Long Leads, 12Pak, TO-262AASeries-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)80VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If800mV @ 10ASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 80VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, 12Pak, TO-262AASupplier Device PackageTO-262	Manufacturer	Vishay Semiconductor Diodes Division
PackageTO-262-3 Long Leads, 12Pak, TO-262AASeries-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)80VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If800mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)-Current - Reverse Leakage @ Vr100µA @ 80VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, 12Pak, TO-262AASupplier Device PackageTO-262	Category	Discrete Semiconductor Products
Series-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)80VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If800mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 80VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, 12Pak, TO-262AASupplier Device PackageTO-262		Diodes - Rectifiers - Arrays
Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)80VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If800mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 80VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-2623 Long Leads, I2Pak, TO-262AASupplier Device PackageTO-262	Package	TO-262-3 Long Leads, I2Pak, TO-262AA
Didde TypeSchull Channe GannelDidde TypeSchult YVoltage - DC Reverse (Vr) (Max)80VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If800mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 80VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, I2Pak, TO-262AASupplier Device PackageTO-262	Series	-
Voltage - DC Reverse (Vr) (Max)80VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If800mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 80VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, 12Pak, TO-262AASupplier Device PackageTO-262	Diode Configuration	1 Pair Common Cathode
Current - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If800mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 80VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, I2Pak, TO-262AASupplier Device PackageTO-262	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If800mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 80VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, I2Pak, TO-262AASupplier Device PackageTO-262	Voltage - DC Reverse (Vr) (Max)	80V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 80VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, I2Pak, TO-262AASupplier Device PackageTO-262	Current - Average Rectified (Io) (per Diode)	10A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 80VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, I2Pak, TO-262AASupplier Device PackageTO-262	Voltage - Forward (Vf) (Max) @ If	800mV @ 10A
Current - Reverse Leakage @ Vr100μA @ 80VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, I2Pak, TO-262AASupplier Device PackageTO-262	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Operating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, I2Pak, TO-262AASupplier Device PackageTO-262	Reverse Recovery Time (trr)	-
Mounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, I2Pak, TO-262AASupplier Device PackageTO-262	Current - Reverse Leakage @ Vr	100µA @ 80V
Package / CaseTO-262-3 Long Leads, I2Pak, TO-262AASupplier Device PackageTO-262	Operating Temperature - Junction	-65°C ~ 150°C
Supplier Device Package TO-262	Mounting Type	Through Hole
	Package / Case	TO-262-3 Long Leads, I2Pak, TO-262AA
Report errors?	Supplier Device Package	TO-262
		Report errors?

#### VS-MBR2080CT-1PBF 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 EUARANTEE

#### Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

## VS-MBR2080CT-1PBF Payment Methods





If you have any question about VS-MBR2080CT-1PBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com