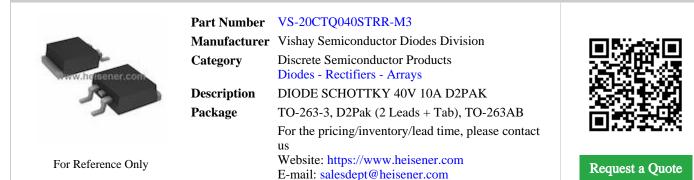


VS-20CTQ040STRR-M3

VS-20CTQ040STRR-M3 Information



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-20CTQ040STRR-M3 Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - ArraysPackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeries-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If640mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr2mA @ 40VOperating Temperature - Junction55°C ~ 175°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK			
CategoryDiscrete Semiconductor Products Diodes - Rectifiers - ArraysPackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeries-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If640mV @ 10ASpedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr2mA @ 40VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Manufacturer Part Number	VS-20CTQ040STRR-M3	
Diodes - Rectifiers - ArraysPackageDiodes - Rectifiers - ArraysPackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeries-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If640mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr2mA @ 40VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Manufacturer	Vishay Semiconductor Diodes Division	
PackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeries-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If640mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr2mA @ 40VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Category	Discrete Semiconductor Products	
Series-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If640mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr2mA @ 40VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK		Diodes - Rectifiers - Arrays	
Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If640mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr2mA @ 40VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	
Diode TypeSchottkyDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If640mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Speed-Current - Reverse Leakage @ Vr2mA @ 40VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Series	-	
Voltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If640mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr2mA @ 40VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Diode Configuration	1 Pair Common Cathode	
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Voltage - Forward (Vf) (Max) @ If640mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr2mA @ 40VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Voltage - DC Reverse (Vr) (Max)	40V	
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr2mA @ 40VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Current - Average Rectified (Io) (per Diode)	10A	
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr2mA @ 40VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Voltage - Forward (Vf) (Max) @ If	640mV @ 10A	
Current - Reverse Leakage @ Vr2mA @ 40VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Speed	Fast Recovery =< 500ns, > 200mA (Io)	
Operating Temperature - Junction-55°C ~ 175°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Reverse Recovery Time (trr)	-	
Mounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Current - Reverse Leakage @ Vr	2mA @ 40V	
Package / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	Operating Temperature - Junction	-55°C ~ 175°C	
Supplier Device Package D2PAK	Mounting Type	Surface Mount	
	Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	
Report errors?	Supplier Device Package	D2PAK	
			Report errors?

VS-20CTQ040STRR-M3 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.

VS-20CTQ040STRR-M3 Payment Methods



If you have any question about VS-20CTQ040STRR-M3, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com