

VS-15MQ040-M3/5AT

VS-15MQ040-M3/5AT 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-15MQ040-M3/5AT Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AC, SMASeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)1.5AVoltage - Forward (Vf) (Max) @ If430mV @ 1.5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F134pF @ 10V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AC, SMASeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)1.5AVoltage - Forward (Vf) (Max) @ If430mV @ 1.5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F134pF @ 10V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-40°C ~ 150°C	Manufacturer Part Number	VS-15MQ040-M3/5AT
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Series-Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)1.5AVoltage - Forward (Vf) (Max) @ If430mV @ 1.5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 40VCurrent - Reverse Leakage @ Vr134pF @ 10V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageUO-214AC (SMA)Operating Temperature - Junction-40°C ~ 150°C		Diodes - Rectifiers - Single
Diode TypeSchottkyDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)1.5AVoltage - Forward (Vf) (Max) @ If430mV @ 1.5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F134pF @ 10V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-40°C ~ 150°C	Package	DO-214AC, SMA
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Current - Average Rectified (Io)1.5AVoltage - Forward (Vf) (Max) @ If430mV @ 1.5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 40VCapacitance @ Vr, F134pF @ 10V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-40°C ~ 150°C	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If430mV @ 1.5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 40VCapacitance @ Vr, F134pF @ 10V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-40°C ~ 150°C	Voltage - DC Reverse (Vr) (Max)	40V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 40VCapacitance @ Vr, F134pF @ 10V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-40°C ~ 150°C	Current - Average Rectified (Io)	1.5A
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Capacitance @ Vr, F134pF @ 10V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-40°C ~ 150°C	Reverse Recovery Time (trr)	-
Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-40°C ~ 150°C	Current - Reverse Leakage @ Vr	500µA @ 40V
Package / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-40°C ~ 150°C	Capacitance @ Vr, F	134pF @ 10V, 1MHz
Supplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-40°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Package / Case	DO-214AC, SMA
	Supplier Device Package	DO-214AC (SMA)
Report errors?	Operating Temperature - Junction	-40°C ~ 150°C
		Report errors?

VS-15MQ040-M3/5AT 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-15MQ040-M3/5AT Payment Methods



If you have any question about VS-15MQ040-M3/5AT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com