

RS3K-M3/57T

RS3K-M3/57T Information

	Part Number	RS3K-M3/57T
	Manufacturer	Vishay Semiconductor Diodes Division
water beisener.com	Category	Discrete Semiconductor Products Diodes - Rectifiers - Single
55	Description	DIODE SW 3A 800V 500NS DO-214AB
	Package	DO-214AB, SMC
		For the pricing/inventory/lead time, please contact us
For Reference Only		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.



RS3K-M3/57T Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AB, SMCSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.3V @ 2.5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr10µA @ 800VCurrent - Reverse Leakage @ Vr500nsCurrent - Reverse Leakage @ Vr500nsCurrent - Reverse Leakage @ Vr10µA @ 800VCapacitance @ Vr, F500nsSunface MountSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AB, SMCSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.3V @ 2.5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)500nsCurrent - Reverse Leakage @ Vr10µA @ 800VCurrent - Reverse Leakage @ Vr34pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Manufacturer Part Number	RS3K-M3/57T
Diodes - Rectifiers - SinglePackageDO-214AB, SMCSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.3V @ 2.5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr10µA @ 800VCurrent - Reverse Leakage @ Vr10µA @ 800VCurrent - Reverse Leakage @ VrDO-214AB, SMCPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-214AB, SMCSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.3V @ 2.5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr10µA @ 800VCapacitance @ Vr, F34pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Category	Discrete Semiconductor Products
Series-Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.3V @ 2.5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr10µA @ 800VCurrent - Reverse Leakage @ Vr34pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C		Diodes - Rectifiers - Single
Diode TypeStandardDiode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.3V @ 2.5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr10µA @ 800VCurrent - Reverse Leakage @ Vr34pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Package	DO-214AB, SMC
Voltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.3V @ 2.5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr10µA @ 800VCapacitance @ Vr, F34pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Series	-
Current - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.3V @ 2.5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr10μA @ 800VCapacitance @ Vr, F34pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If $1.3V @ 2.5A$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr) $500ns$ Current - Reverse Leakage @ Vr $10\mu A @ 800V$ Capacitance @ Vr, F $34pF @ 4V, 1MHz$ Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction $-55^{\circ}C ~ 150^{\circ}C$	Voltage - DC Reverse (Vr) (Max)	800V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr10μA @ 800VCapacitance @ Vr, F34pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Current - Average Rectified (Io)	3A
Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr10μA @ 800VCapacitance @ Vr, F34pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	1.3V @ 2.5A
Current - Reverse Leakage @ Vr10μA @ 800VCapacitance @ Vr, F34pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F34pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Reverse Recovery Time (trr)	500ns
Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Current - Reverse Leakage @ Vr	10µA @ 800V
Package / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Capacitance @ Vr, F	34pF @ 4V, 1MHz
Supplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction -55°C ~ 150°C	Package / Case	DO-214AB, SMC
	Supplier Device Package	DO-214AB, (SMC)
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

RS3K-M3/57T 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.

RS3K-M3/57T Payment Methods



RS3K-M3/57T Shipping Methods



If you have any question about RS3K-M3/57T, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com