

ESH1DHE3/5AT

ESH1DHE3/5AT 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.



ESH1DHE3/5AT Specifications

Manufacturer Part NumberESH1DHE3/SATManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsPackageDo-214AC, SMASeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If900mV @ 1ASpeedFast Recovery =< 500ms, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr1µA @ 200VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC, SMAOperating Temperature - Junction-55°C ~ 175°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AC, SMASeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If900mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr1 μ A @ 200VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Manufacturer Part Number	ESH1DHE3/5AT
Diodes - Rectifiers - SinglePackageDiodes - Rectifiers - SinglePackageDO-214AC, SMASeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If900mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr1µA @ 200VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-214AC, SMASeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If900mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr.Capacitance @ Vr, F.Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Category	Discrete Semiconductor Products
Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)IAVoltage - Forward (Vf) (Max) @ If900mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ VrIµA @ 200VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)		Diodes - Rectifiers - Single
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Voltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If900mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr1µA @ 200VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Series	-
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Voltage - Forward (Vf) (Max) @ If900mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr1µA @ 200VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Voltage - DC Reverse (Vr) (Max)	200V
Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) $25ns$ Current - Reverse Leakage @ Vr $1\mu A$ @ 200V Capacitance @ Vr, F - Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA)	Current - Average Rectified (Io)	1A
Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr1μA @ 200VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Voltage - Forward (Vf) (Max) @ If	900mV @ 1A
Current - Reverse Leakage @ VrμA @ 200VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Reverse Recovery Time (trr)	25ns
Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Current - Reverse Leakage @ Vr	1μA @ 200V
Package / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)	Capacitance @ Vr, F	-
Supplier Device Package DO-214AC (SMA)	Mounting Type	Surface Mount
	Package / Case	DO-214AC, SMA
Operating Temperature - Junction $-55^{\circ}C \sim 175^{\circ}C$	Supplier Device Package	DO-214AC (SMA)
	Operating Temperature - Junction	-55°C ~ 175°C
Report e		Report errors?

ESH1DHE3/5AT 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.

ESH1DHE3/5AT Payment Methods



ESH1DHE3/5AT Shipping Methods



If you have any question about ESH1DHE3/5AT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com