

ESH2BHE3/5BT

ESH2BHE3/5BT Information

	Part Number Manufacturer Category Description Package	ESH2BHE3/5BT Vishay Semiconductor Diodes Division Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE GEN PURP 100V 2A DO214AA DO-214AA, SMB For the pricing/inventory/lead time, please contact	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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ESH2BHE3/5BT Specifications

Manufacturer Part NumberESH2BHE3/5BTManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SingleDiodes - Rectifiers - SinglePackageDO-214AA, SMBSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If930mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr2µA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA, SMBOperating Temperature - Junction55°C ~ 175°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AA, SMBSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If930mV @ 2ASpeedFast Recovery =<500ms, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr2µA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-5°C ~ 175°C	Manufacturer Part Number	ESH2BHE3/5BT
Nodes - Rectifiers - SinglePackageDO-214AA, SMBSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Jo)2AVoltage - Forward (Vf) (Max) @ If930mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Jo)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr $2\mu A @ 100V$ Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 175°C	Manufacturer	Vishay Semiconductor Diodes Division
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Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If930mV @ 2ASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr2µA @ 100VCapacitance @ Vr, FSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-5°C ~ 175°C	Package	DO-214AA, SMB
Voltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If930mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr $2\mu A @ 100V$ Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 175°C	Series	-
Current - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If $930mV @ 2A$ SpeedFast Recovery =< $500ns$, > $200mA$ (Io)Reverse Recovery Time (trr) $35ns$ Current - Reverse Leakage @ Vr $2\muA @ 100V$ Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction $-55^{\circ}C \sim 175^{\circ}C$	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If930mV @ 2ASpeedFast Recovery $= 500ns$, $> 200mA$ (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr $2\mu A @ 100V$ Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 175°C	Voltage - DC Reverse (Vr) (Max)	100V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr2µA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 175°C	Current - Average Rectified (Io)	2A
Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr2µA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 175°C	Voltage - Forward (Vf) (Max) @ If	930mV @ 2A
Current - Reverse Leakage @ Vr2μA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 175°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 175°C	Reverse Recovery Time (trr)	35ns
Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 175°C	Current - Reverse Leakage @ Vr	2µA @ 100V
Package / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 175°C	Capacitance @ Vr, F	-
Supplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 175°C	Mounting Type	Surface Mount
Operating Temperature - Junction $-55^{\circ}C \sim 175^{\circ}C$	Package / Case	DO-214AA, SMB
	Supplier Device Package	DO-214AA (SMB)
Report errors	Operating Temperature - Junction	-55°C ~ 175°C
		Report errors

ESH2BHE3/5BT 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.

ESH2BHE3/5BT Payment Methods





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