

# GI821-E3/54

t a Quote

#### GI821-E3/54 Information

		Part Number	GI821-E3/54	
	www.nelsener.com	Manufacturer	Vishay Semiconductor Diodes Division	
		Category	Discrete Semiconductor Products Diodes - Rectifiers - Single	237
		Description	DIODE GEN PURP 100V 5A P600	2-303
		Package	P600, Axial	- Heide
			For the pricing/inventory/lead time, please contact us	
	For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request

## **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.



### GI821-E3/54 Specifications

Manufacturer Part NumberGI821-E3/54ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SingleDiodes - Rectifiers - SinglePackageP600, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)SASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)200nsCurrent - Reverse Leakage @ Vr10µA @ 100VCapacitance @ Vr, F300pF @ 4V, 1MHzMounting TypeFhrough HolePackage / CaseP600, AxialSupplier Device PackageP600Operating Temperature - Junction-50°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageP600, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Jo)5AVoltage - Forward (Vf) (Max) @ If1.1V @ 5ASpeedFast Recovery = <500ns, > 200mA (Io)Reverse Recovery Time (trr)200nsCurrent - Reverse Leakage @ Vr10µA @ 100VCurrent - Reverse Leakage @ Vr300F @ 4V, 1MHzMounting TypeThrough HolePackage / CaseP600, AxialSupplier Device Package9600Operating Temperature - Junction50°C ~ 15°°C	Manufacturer Part Number	GI821-E3/54
PackageDiodes - Rectifiers - SinglePackageP600, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)5AVoltage - Forward (Vf) (Max) @ If1.1V @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)200nsCurrent - Reverse Leakage @ Vr10µA @ 100VCurrent - Reverse Leakage @ Vr300pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600Operating Temperature - Junction-50°C ~ 150°C	Manufacturer	Vishay Semiconductor Diodes Division
Package P600, Axial   Series -   Diode Type Standard   Voltage - DC Reverse (Vr) (Max) 100V   Current - Average Rectified (Io) 5A   Voltage - Forward (Vf) (Max) @ If 1.1V @ 5A   Speed Fast Recovery = < 500ns, > 200mA (Io)   Reverse Recovery Time (trr) 200ns   Current - Reverse Leakage @ Vr 300pF @ 4V, 1MHz   Mounting Type Through Hole   Package / Case P600, Axial   Supplier Device Package 9600   Supplier Device Package 9600	Category	Discrete Semiconductor Products
Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)5AVoltage - Forward (Vf) (Max) @ If1.1V @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)200nsCurrent - Reverse Leakage @ Vr10µA @ 100VCapacitance @ Vr, F300pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageFotoOperating Temperature - Junction-50°C ~ 150°C		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Jo)5AVoltage - Forward (Vf) (Max) @ If1.1V @ 5ASpeedFast Recovery = < 500ns, > 200mA (Jo)Reverse Recovery Time (trr)200nsCurrent - Reverse Leakage @ Vr10µA @ 100VCapacitance @ Vr, F300pF @ 4V, 1MHzMounting TypePfoo, AxialPackage / CaseP600, AxialSupplier Device PackageFooOperating Temperature - Junction50°C ~ 150°C	Package	P600, Axial
Voltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)5AVoltage - Forward (Vf) (Max) @ If $1.1V @ 5A$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)200nsCurrent - Reverse Leakage @ Vr $10\mu A @ 100V$ Capacitance @ Vr, F $300pF @ 4V, 1MHz$ Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600Operating Temperature - Junction $-50^{\circ}C \sim 150^{\circ}C$	Series	-
Current - Average Rectified (Io)5AVoltage - Forward (Vf) (Max) @ If $1.1V @ 5A$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)200nsCurrent - Reverse Leakage @ Vr $10\mu A @ 100V$ Capacitance @ Vr, F $300pF @ 4V, 1MHz$ Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600Operating Temperature - Junction $-50^{\circ}C \sim 150^{\circ}C$	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If $1.1V @ 5A$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)200nsCurrent - Reverse Leakage @ Vr $10\mu A @ 100V$ Capacitance @ Vr, F $300pF @ 4V, 1MHz$ Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600Operating Temperature - Junction $-50^\circ C \sim 150^\circ C$	Voltage - DC Reverse (Vr) (Max)	100V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)200nsCurrent - Reverse Leakage @ Vr10μA @ 100VCapacitance @ Vr, F300pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600Operating Temperature - Junction-50°C ~ 150°C	Current - Average Rectified (Io)	5A
Reverse Recovery Time (trr)200nsCurrent - Reverse Leakage @ Vr10μA @ 100VCapacitance @ Vr, F300pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600Operating Temperature - Junction-50°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	1.1V @ 5A
Current - Reverse Leakage @ Vr10μA @ 100VCapacitance @ Vr, F300pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600Operating Temperature - Junction-50°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F300pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600Operating Temperature - Junction-50°C ~ 150°C	Reverse Recovery Time (trr)	200ns
Mounting TypeThrough HolePackage / CaseP600, AxialSupplier Device PackageP600Operating Temperature - Junction-50°C ~ 150°C	Current - Reverse Leakage @ Vr	10µA @ 100V
Package / CaseP600, AxialSupplier Device PackageP600Operating Temperature - Junction-50°C ~ 150°C	Capacitance @ Vr, F	300pF @ 4V, 1MHz
Supplier Device PackageP600Operating Temperature - Junction-50°C ~ 150°C	Mounting Type	Through Hole
Operating Temperature - Junction -50°C ~ 150°C	Package / Case	P600, Axial
	Supplier Device Package	P600
Report error	Operating Temperature - Junction	$-50^{\circ}$ C ~ $150^{\circ}$ C
		Report errors?

#### GI821-E3/54 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 GUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.



If you have any question about GI821-E3/54, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com