

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° C ~ 150° 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