



GI1-1600GP-E3/54 Information



For Reference Only

Part Number GI1-1600GP-E3/54

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE GEN PURP 1.6KV 1A DO204AC

Package DO-204AC, DO-15, Axial

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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Certified Quality

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GI1-1600GP-E3/54 Specifications

Manufacturer Part NumberGII-1600GP-E3/54ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-204AC, DO-15, AxialSeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1600VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.5μsCurrent - Reverse Leakage @ Vr10μA @ 1600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)Operating Temperature - Junction-65°C ~ 175°CReport errors?		
Category Discrete Semiconductor Products Diodes - Rectifiers - Single Package DO-204AC, DO-15, Axial Series SUPERECTIFIER? Diode Type Standard Voltage - DC Reverse (Vr) (Max) 1600V Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If 1.1V @ 1A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 1.5μs Current - Reverse Leakage @ Vr 10μA @ 1600V Capacitance @ Vr, F - Mounting Type Through Hole Package / Case DO-204AC, DO-15, Axial Supplier Device Package DO-204AC (DO-15) Operating Temperature - Junction -65°C ~ 175°C	Manufacturer Part Number	GI1-1600GP-E3/54
PackageDiodes - Rectifiers - SinglePackageDO-204AC, DO-15, AxialSeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1600VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.5μsCurrent - Reverse Leakage @ Vr10μA @ 1600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)Operating Temperature - Junction-65°C ~ 175°C	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-204AC, DO-15, AxialSeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1600VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.5μsCurrent - Reverse Leakage @ Vr10μA @ 1600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)Operating Temperature - Junction-65°C ~ 175°C	Category	Discrete Semiconductor Products
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Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 1.5μs Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Package / Case DO-204AC, DO-15, Axial Supplier Device Package DO-204AC (DO-15) Operating Temperature - Junction	Series	SUPERECTIFIER?
Current - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.5μsCurrent - Reverse Leakage @ Vr10μA @ 1600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)Operating Temperature - Junction-65°C ~ 175°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.5μsCurrent - Reverse Leakage @ Vr10μA @ 1600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)Operating Temperature - Junction-65°C ~ 175°C	Voltage - DC Reverse (Vr) (Max)	1600V
SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.5μsCurrent - Reverse Leakage @ Vr10μA @ 1600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AC, DO-15, AxialSupplier Device PackageDO-204AC (DO-15)Operating Temperature - Junction-65°C ~ 175°C	Current - Average Rectified (Io)	1A
Reverse Recovery Time (trr) $1.5\mu s$ Current - Reverse Leakage @ Vr $10\mu A @ 1600V$ Capacitance @ Vr, F $-$ Mounting Type $Through \ Hole$ Package / Case $DO-204AC, DO-15, Axial$ Supplier Device Package $DO-204AC \ (DO-15)$ Operating Temperature - Junction $-65^{\circ}C \sim 175^{\circ}C$	Voltage - Forward (Vf) (Max) @ If	1.1V @ 1A
Current - Reverse Leakage @ Vr	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F Mounting Type Through Hole Package / Case DO-204AC, DO-15, Axial Supplier Device Package DO-204AC (DO-15) Operating Temperature - Junction -65°C ~ 175°C	Reverse Recovery Time (trr)	1.5μs
Mounting Type Package / Case DO-204AC, DO-15, Axial Supplier Device Package DO-204AC (DO-15) Operating Temperature - Junction Through Hole DO-204AC, DO-15, Axial -65°C ~ 175°C	Current - Reverse Leakage @ Vr	10μA @ 1600V
Package / Case DO-204AC, DO-15, Axial Supplier Device Package DO-204AC (DO-15) Operating Temperature - Junction -65°C ~ 175°C	Capacitance @ Vr, F	-
Supplier Device Package DO-204AC (DO-15) Operating Temperature - Junction -65°C ~ 175°C	Mounting Type	Through Hole
Operating Temperature - Junction -65°C ~ 175°C	Package / Case	DO-204AC, DO-15, Axial
	Supplier Device Package	DO-204AC (DO-15)
Report errors?	Operating Temperature - Junction	-65°C ~ 175°C
		Report errors?

GI1-1600GP-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 Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

GI1-1600GP-E3/54 Payment Methods





















GI1-1600GP-E3/54 Shipping Methods













If you have any question about GI1-1600GP-E3/54, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com