



GP10-4007EHE3/53 Information



For Reference Only

Part Number GP10-4007EHE3/53

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE GEN PURP 1KV 1A DO204AL

Package DO-204AL, DO-41, Axial

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

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.









GP10-4007EHE3/53 Specifications

Manufacturer Part Number GP10-4007EHE3/53 Manufacturer Vishay Semiconductor Diodes Division Category Discrete Semiconductor Products Diodes - Rectifiers - Single Package DO-204AL, DO-41, Axial Series Automotive, AEC-Q101, Superectifier? Diode Type Standard Voltage - DC Reverse (Vr) (Max) 1000V Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If 1.1V @ 1A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 3μs Current - Reverse Leakage @ Vr 5μA @ 1000V Capacitance @ Vr, F 8pF @ 4V, 1MHz Mounting Type Through Hole		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Manufacturer Part Number	GP10-4007EHE3/53
Diodes - Rectifiers - Single Package DO-204AL, DO-41, Axial Series Automotive, AEC-Q101, Superectifier? Diode Type Standard Voltage - DC Reverse (Vr) (Max) 1000V Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If 1.1V @ 1A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 3μs Current - Reverse Leakage @ Vr 5μA @ 1000V Capacitance @ Vr, F 8pF @ 4V, 1MHz	Manufacturer	Vishay Semiconductor Diodes Division
Package DO-204AL, DO-41, Axial Series Automotive, AEC-Q101, Superectifier? Diode Type Standard Voltage - DC Reverse (Vr) (Max) 1000V Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If 1.1V @ 1A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 3µs Current - Reverse Leakage @ Vr 5µA @ 1000V Capacitance @ Vr, F 8pF @ 4V, 1MHz	Category	Discrete Semiconductor Products
Series Automotive, AEC-Q101, Superectifier? Diode Type Standard Voltage - DC Reverse (Vr) (Max) 1000V Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If 1.1V @ 1A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 3 μ s Current - Reverse Leakage @ Vr 5 μ A @ 1000V Capacitance @ Vr, F 8pF @ 4V, 1MHz		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3μsCurrent - Reverse Leakage @ Vr5μA @ 1000VCapacitance @ Vr, F8pF @ 4V, 1MHz	Package	DO-204AL, DO-41, Axial
Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 3μs Current - Reverse Leakage @ Vr Capacitance @ Vr, F 8pF @ 4V, 1MHz	Series	Automotive, AEC-Q101, Superectifier?
Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If 1.1V @ 1A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 3 μ s Current - Reverse Leakage @ Vr 5 μ A @ 1000V Capacitance @ Vr, F 8pF @ 4V, 1MHz	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If	Voltage - DC Reverse (Vr) (Max)	1000V
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Current - Average Rectified (Io)	1A
Reverse Recovery Time (trr)3μsCurrent - Reverse Leakage @ Vr5μA @ 1000VCapacitance @ Vr, F8pF @ 4V, 1MHz	Voltage - Forward (Vf) (Max) @ If	1.1V @ 1A
Current - Reverse Leakage @ Vr 5μA @ 1000V Capacitance @ Vr, F 8pF @ 4V, 1MHz	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F 8pF @ 4V, 1MHz	Reverse Recovery Time (trr)	3μs
	Current - Reverse Leakage @ Vr	5μA @ 1000V
Mounting Type Through Hole	Capacitance @ Vr, F	8pF @ 4V, 1MHz
Mounting Type	Mounting Type	Through Hole
Package / Case DO-204AL, DO-41, Axial	Package / Case	DO-204AL, DO-41, Axial
Supplier Device Package DO-204AL (DO-41)	Supplier Device Package	DO-204AL (DO-41)
Operating Temperature - Junction $-65^{\circ}\text{C} \sim 175^{\circ}\text{C}$	Operating Temperature - Junction	-65°C ~ 175°C
Report errors?		Report errors?

GP10-4007EHE3/53 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.

GP10-4007EHE3/53 Payment Methods



















GP10-4007EHE3/53 Shipping Methods













If you have any question about GP10-4007EHE3/53, please do not hesitate to contact us!

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