

UF3001 Information



For Reference Only

Part Number UF3001

Manufacturer Diodes Incorporated

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE GEN PURP 50V 3A DO201AD

Package DO-201AD, Axial

For the pricing/inventory/lead time, please contact

us

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



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UF3001 Specifications

Manufacturer Part NumberUF3001ManufacturerDiodes IncorporatedCategoryDiscrete Semiconductor ProductsPackageDO-201AD, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1V @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5μA @ 50VCapacitance @ Vr, F75pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C	crowr specifications	
Category Discrete Semiconductor Products Diodes - Rectifiers - Single DO-201AD, Axial Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If IV @ 3A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) Sons Current - Reverse Leakage @ Vr Capacitance @ Vr, F TopF @ 4V, 1MHz Mounting Type Through Hole Package / Case DO-201AD, Axial Supplier Device Package Operating Temperature - Junction Do-201AD Operating Temperature - Junction	Manufacturer Part Number	UF3001
Diodes - Rectifiers - SinglePackageDO-201AD, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1V @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5μA @ 50VCapacitance @ Vr, F75pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C	Manufacturer	Diodes Incorporated
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Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1V @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5μA @ 50VCapacitance @ Vr, F75pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C		Diodes - Rectifiers - Single
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Current - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1V @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5μA @ 50VCapacitance @ Vr, F75pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery = < 500ns, > 200mA (Io) Reverse Recovery Time (trr) 50ns Current - Reverse Leakage @ Vr Capacitance @ Vr, F 75pF @ 4V, 1MHz Mounting Type Through Hole Package / Case DO-201AD, Axial Supplier Device Package DO-201AD Operating Temperature - Junction 1V @ 3A 1D	Voltage - DC Reverse (Vr) (Max)	50V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5μA @ 50VCapacitance @ Vr, F75pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C	Current - Average Rectified (Io)	3A
Reverse Recovery Time (trr) 50ns Current - Reverse Leakage @ Vr 5 μ A @ 50V Capacitance @ Vr, F 75pF @ 4V, 1MHz Mounting Type Through Hole Package / Case DO-201AD, Axial Supplier Device Package DO-201AD Operating Temperature - Junction -65°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	1V @ 3A
Current - Reverse Leakage @ Vr $5\mu A @ 50V$ Capacitance @ Vr, F $75pF @ 4V$, $1MHz$ Mounting Type Through Hole Package / Case DO-201AD, Axial Supplier Device Package DO-201AD $-65^{\circ}C \sim 150^{\circ}C$	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F 75pF @ 4V, 1MHz Mounting Type Through Hole Package / Case DO-201AD, Axial Supplier Device Package DO-201AD Operating Temperature - Junction 75pF @ 4V, 1MHz Through Hole DO-201AD, Operating Temperature - Junction	Reverse Recovery Time (trr)	50ns
Mounting Type Through Hole Package / Case DO-201AD, Axial Supplier Device Package DO-201AD Operating Temperature - Junction Through Hole DO-201AD, Axial -65°C ~ 150°C	Current - Reverse Leakage @ Vr	5μA @ 50V
Package / Case DO-201AD, Axial Supplier Device Package DO-201AD Operating Temperature - Junction -65°C ~ 150°C	Capacitance @ Vr, F	75pF @ 4V, 1MHz
Supplier Device Package DO-201AD Operating Temperature - Junction -65°C ~ 150°C	Mounting Type	Through Hole
Operating Temperature - Junction -65°C ~ 150°C	Package / Case	DO-201AD, Axial
	Supplier Device Package	DO-201AD
	Operating Temperature - Junction	-65°C ~ 150°C
Report errors?		Report errors?

UF3001 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.

UF3001 Payment Methods



















UF3001 Shipping Methods













If you have any question about UF3001, please do not hesitate to contact us!

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