

S5AL-TP Information



For Reference Only

Part Number S5AL-TP

Manufacturer Micro Commercial Co

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

Description DIODE GEN PURP 50V 5A DO214AB

Package DO-214AB, SMC

For the pricing/inventory/lead time, please contact

us

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



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S5AL-TP Specifications

Manufacturer Part NumberS5AL-TPManufacturerMicro Commercial CoCategoryDiscrete Semiconductor ProductsPackageDO-214AB, SMCSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)5AVoltage - Forward (Vf) (Max) @ If1.2V @ 5ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 50VCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°CReport errors?	-	
Category Discrete Semiconductor Products Diodes - Rectifiers - Single Package DO-214AB, SMC Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 10µA @ 50V Capacitance @ Vr, F 100pF @ 4V, 1MHz Mounting Type Package / Case DO-214AB, SMC Supplier Device Package DO-214AB, (SMC) Operating Temperature - Junction Do-215°C ~ 150°C	Manufacturer Part Number	S5AL-TP
PackageDiodes - Rectifiers - SingleSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)5AVoltage - Forward (Vf) (Max) @ If1.2V @ 5ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 50VCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Manufacturer	Micro Commercial Co
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Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If 1.2V @ 5A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F 10μA @ 50V Capacitance @ Vr, F 100pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AB, SMC Supplier Device Package DO-214AB, (SMC) Operating Temperature - Junction 5A 1.2V @ 5A Standard Recovery >500ns, > 200mA (Io) - Current - Reverse Leakage @ Vr 10μA @ 50V 10μA @ 50V 100pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AB, SMC	Series	-
Current - Average Rectified (Io)5AVoltage - Forward (Vf) (Max) @ If1.2V @ 5ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 50VCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 10µA @ 50V Capacitance @ Vr, F 100pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AB, SMC Supplier Device Package DO-214AB, (SMC) Operating Temperature - Junction 1.2V @ 5A 100pK - 000pK 100pF @ 4V, 1MHz	Voltage - DC Reverse (Vr) (Max)	50V
SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 50VCapacitance @ Vr, F100pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Current - Average Rectified (Io)	5A
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Capacitance @ Vr, F 100pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AB, SMC Supplier Device Package DO-214AB, (SMC) Operating Temperature - Junction -55°C ~ 150°C	Reverse Recovery Time (trr)	-
Mounting Type Surface Mount Package / Case DO-214AB, SMC Supplier Device Package DO-214AB, (SMC) Operating Temperature - Junction -55°C ~ 150°C	Current - Reverse Leakage @ Vr	10μA @ 50V
Package / Case DO-214AB, SMC Supplier Device Package DO-214AB, (SMC) Operating Temperature - Junction -55°C ~ 150°C	Capacitance @ Vr, F	100pF @ 4V, 1MHz
Supplier Device Package DO-214AB, (SMC) Operating Temperature - Junction -55°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction -55°C ~ 150°C	Package / Case	DO-214AB, SMC
	Supplier Device Package	DO-214AB, (SMC)
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

S5AL-TP 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.

S5AL-TP Payment Methods





















S5AL-TP Shipping Methods













If you have any question about S5AL-TP, please do not hesitate to contact us!

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