

B150-13-F

B150-13-F Information



For Reference Only

Part Number	B150-13-F	
Manufacturer	Diodes Incorporated	
Category	Discrete Semiconductor Products Diodes - Rectifiers - Single	
Description	DIODE SCHOTTKY 50V 1A SMA	
Package	DO-214AC, SMA	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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B150-13-F Specifications

Manufacturer Part NumberB150-13-FManufacturerDiodes IncorporatedCategoryDiscrete Semiconductor ProductsDades - Rectifiers - SingleDiodes - Rectifiers - SinglePackageDo-214AC, SMASeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)S0VCurrent - Average Rectified (Io)IAVoltage - Forward (Vf) (Max) @ If700mV @ 1ASpeedFast Recovery = 500ms, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 50VCapacitance @ Vr, F110pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDo-214AC, SMASupplier Device PackageSMAOcerating Temperature JunctionGoto ~ 150°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AC, SMASeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If700mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 50VCurnent - Reverse Leakage @ Vr100pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-65°C ~ 150°C	Manufacturer Part Number	B150-13-F
Diodes - Rectifiers - SinglePackageDO-214AC, SMASeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If700mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)-Current - Reverse Leakage @ Vr500µA @ 50VCapacitance @ Vr, F110pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-65°C ~ 150°C	Manufacturer	Diodes Incorporated
Package DO-214AC, SMA Series - Diode Type Schottky Voltage - DC Reverse (Vr) (Max) S0V Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If 700mV @ 1A Speed Fast Recovery = < 500mA (Io)	Category	Discrete Semiconductor Products
Series-Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If700mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500 μ A @ 50VCapacitance @ Vr, F110pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-65°C ~ 150°C		Diodes - Rectifiers - Single
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Voltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If700mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 50VCapacitance @ Vr, F110pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-65°C ~ 150°C	Series	-
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Voltage - Forward (Vf) (Max) @ If700mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 50VCapacitance @ Vr, F110pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-65°C ~ 150°C	Voltage - DC Reverse (Vr) (Max)	50V
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Current - Reverse Leakage @ Vr500μA @ 50VCapacitance @ Vr, F110pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-65°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F110pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-65°C ~ 150°C	Reverse Recovery Time (trr)	-
Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-65°C ~ 150°C	Current - Reverse Leakage @ Vr	500µA @ 50V
Package / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-65°C ~ 150°C	Capacitance @ Vr, F	110pF @ 4V, 1MHz
Supplier Device PackageSMAOperating Temperature - Junction-65°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction $-65^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Package / Case	DO-214AC, SMA
	Supplier Device Package	SMA
Demost a	Operating Temperature - Junction	-65°C ~ 150°C
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B150-13-F 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.



If you have any question about B150-13-F, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com