

S20F Information

	Heisener.com	Part Number	S20F	
		Manufacturer	Semtech Corporation	
		Category	Discrete Semiconductor Products Diodes - Rectifiers - Single	- 3000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000
		Description	DIODE GEN PURP 2KV 500MA AXIAL	62.2.7
		Package	Axial	- 11 T T
			For the pricing/inventory/lead time, please contact	
	For Reference Only			
			Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

Certified Quality

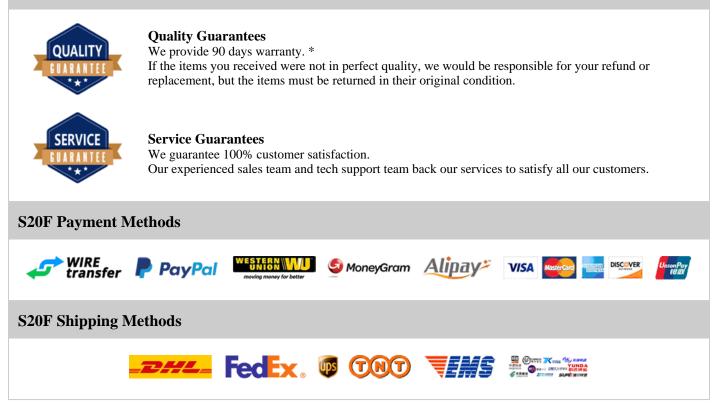
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S20F Specifications

Manufacturer Part NumberS20FManufacturerSemtech CorporationCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SingleDiodes - Rectifiers - SinglePackageAxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)2000VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If5V @ 100mASpeedFast Recovery = 500ms, > 200mA (Io)Reverse Recovery Time (trr)300nsCurrent - Reverse Leakage @ Vr4µF @ 2000VCapacitance @ Vr, F4pF @ 5V, 1MHzPackage / CaseAxialSupplier Device PackageAxialSupplier Device PackageAxial <t< th=""><th></th><th></th></t<>		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageAxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)2000VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If5V @ 100mASpeedFast Recovery =<500ns, > 200mA (Io)Reverse Recovery Time (trr)300nsCurrent - Reverse Leakage @ VrµA @ 2000VCurrent - Reverse Leakage @ VrThrough HoleMounting TypeThrough HolePackage / CaseAxialSupplier Device PackageAxialOperating Temperature - Junction-65°C ~ 175°C	Manufacturer Part Number	S20F
Diodes - Rectifiers - SinglePackageAxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)2000VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If5V @ 100mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)300nsCurrent - Reverse Leakage @ Vr1µA @ 2000VCapacitance @ Vr, F4pF @ 5V, 1MHzMounting TypeThrough HolePackage / CaseAxialSupplier Device PackageAxialOperating Temperature - Junction-65°C ~ 175°C	Manufacturer	Semtech Corporation
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Voltage - Forward (Vf) (Max) @ If $5V @ 100mA$ SpeedFast Recovery =< $500ns$, > $200mA$ (Io)Reverse Recovery Time (trr) $300ns$ Current - Reverse Leakage @ Vr $1\mu A @ 2000V$ Capacitance @ Vr, F $4pF @ 5V$, $1MHz$ Mounting TypeThrough HolePackage / CaseAxialSupplier Device Package $Axial$ Operating Temperature - Junction $-65^\circ C \sim 175^\circ C$	Voltage - DC Reverse (Vr) (Max)	2000V
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Capacitance @ Vr, F4pF @ 5V, 1MHzMounting TypeThrough HolePackage / CaseAxialSupplier Device PackageAxialOperating Temperature - Junction-65°C ~ 175°C	Reverse Recovery Time (trr)	300ns
Mounting TypeThrough HolePackage / CaseAxialSupplier Device PackageAxialOperating Temperature - Junction-65°C ~ 175°C	Current - Reverse Leakage @ Vr	1µA @ 2000V
Package / CaseAxialSupplier Device PackageAxialOperating Temperature - Junction-65°C ~ 175°C	Capacitance @ Vr, F	4pF @ 5V, 1MHz
Supplier Device PackageAxialOperating Temperature - Junction-65°C ~ 175°C	Mounting Type	Through Hole
Operating Temperature - Junction $-65^{\circ}\text{C} \sim 175^{\circ}\text{C}$	Package / Case	Axial
	Supplier Device Package	Axial
Departs	Operating Temperature - Junction	-65°C ~ 175°C
Keport e		Report errors?

S20F Guarantees



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