



VS-20ETS12SPBF Information



For Reference Only

Part Number VS-20ETS12SPBF

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE INPUT RECT 20A TO-220AB

Package TO-220-3

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.









VS-20ETS12SPBF Specifications

Manufacturer Part NumberVS-20ETS12SPBFManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-220-3Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1200VCurrent - Average Rectified (Io)20AVoltage - Forward (Vf) (Max) @ If1.1V @ 20ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 1200VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220ABOperating Temperature - Junction-40°C ~ 150°C		
Category Discrete Semiconductor Products Diodes - Rectifiers - Single TO-220-3 Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 1200V Current - Average Rectified (Io) 20A Voltage - Forward (Vf) (Max) @ If 1.1V @ 20A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 100μA @ 1200V Capacitance @ Vr, F - Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220AB Operating Temperature - Junction -40°C ~ 150°C	Manufacturer Part Number	VS-20ETS12SPBF
Diodes - Rectifiers - SinglePackageTO-220-3Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1200VCurrent - Average Rectified (Io)20AVoltage - Forward (Vf) (Max) @ If1.1V @ 20ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 1200VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220ABOperating Temperature - Junction-40°C ~ 150°C	Manufacturer	Vishay Semiconductor Diodes Division
PackageTO-220-3Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1200VCurrent - Average Rectified (Io)20AVoltage - Forward (Vf) (Max) @ If1.1V @ 20ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 1200VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220ABOperating Temperature - Junction-40°C ~ 150°C	Category	Discrete Semiconductor Products
Series Diode Type Standard Voltage - DC Reverse (Vr) (Max) 1200V Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If 1.1V @ 20A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package Operating Temperature - Junction -40°C ~ 150°C		Diodes - Rectifiers - Single
Diode Type Standard Voltage - DC Reverse (Vr) (Max) 1200V Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 100µA @ 1200V Capacitance @ Vr, F Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package Operating Temperature - Junction Standard 1200V 1.1V @ 20A 1.1V @ 20A 1.10 @ 20OmA (Io) - Through Hole - Through Hole Through Hole To-220-3	Package	TO-220-3
Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If 1.1V @ 20A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 100μA @ 1200V Capacitance @ Vr, F Mounting Type Through Hole Package / Case Supplier Device Package Operating Temperature - Junction 1200V 1.1V @ 20A 1.1V @	Series	-
Current - Average Rectified (Io)20AVoltage - Forward (Vf) (Max) @ If1.1V @ 20ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 1200VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220ABOperating Temperature - Junction-40°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 100μA @ 1200V Capacitance @ Vr, F Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package Operating Temperature - Junction 1.1V @ 20A 1.1V @ 20A 1.10 @ 20A To-200ns, > 200mA (Io) - Through Hole - To-200-3 Supplier Device Package TO-220-3 -40°C ~ 150°C	Voltage - DC Reverse (Vr) (Max)	1200V
SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 1200VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220ABOperating Temperature - Junction-40°C ~ 150°C	Current - Average Rectified (Io)	20A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 1200VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220ABOperating Temperature - Junction-40°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	1.1V @ 20A
Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package Operating Temperature - Junction 100µA @ 1200V - Through Hole TO-220-3 TO-220AB -40°C ~ 150°C	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220AB Operating Temperature - Junction -40°C ~ 150°C	Reverse Recovery Time (trr)	-
Mounting Type Package / Case TO-220-3 Supplier Device Package TO-220AB Operating Temperature - Junction Through Hole TO-220-3 TO-220AB	Current - Reverse Leakage @ Vr	100μA @ 1200V
Package / Case TO-220-3 Supplier Device Package TO-220AB Operating Temperature - Junction -40°C ~ 150°C	Capacitance @ Vr, F	-
Supplier Device Package $TO-220AB$ Operating Temperature - Junction $-40^{\circ}C \sim 150^{\circ}C$	Mounting Type	Through Hole
Operating Temperature - Junction -40°C ~ 150°C	Package / Case	TO-220-3
	Supplier Device Package	TO-220AB
Report errors?	Operating Temperature - Junction	-40°C ~ 150°C
		Report errors?

VS-20ETS12SPBF 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.

VS-20ETS12SPBF Payment Methods



















VS-20ETS12SPBF Shipping Methods













If you have any question about VS-20ETS12SPBF, please do not hesitate to contact us!

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