



VS-30APF06PBF Information



For Reference Only

Part Number VS-30APF06PBF

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE SOFT FAST 30A TO-247

Package TO-247-3

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-30APF06PBF Specifications

Manufacturer Part NumberVS-30APF06PBFManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-247-3Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)30AVoltage - Forward (Vf) (Max) @ If1.41V @ 30ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)60nsCurrent - Reverse Leakage @ Vr100μA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247ACOperating Temperature - Junction-40°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-247-3Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)30AVoltage - Forward (Vf) (Max) @ If1.41V @ 30ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)60nsCurrent - Reverse Leakage @ Vr100μA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247ACOperating Temperature - Junction-40°C ~ 150°C	Manufacturer Part Number	VS-30APF06PBF
Diodes - Rectifiers - SinglePackageTO-247-3Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)30AVoltage - Forward (Vf) (Max) @ If1.41V @ 30ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)60nsCurrent - Reverse Leakage @ Vr100μA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247ACOperating Temperature - Junction-40°C ~ 150°C	Manufacturer	Vishay Semiconductor Diodes Division
PackageTO-247-3Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)30AVoltage - Forward (Vf) (Max) @ If1.41V @ 30ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)60nsCurrent - Reverse Leakage @ Vr100μA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247ACOperating Temperature - Junction-40°C ~ 150°C	Category	Discrete Semiconductor Products
Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 600V Current - Average Rectified (Io) 30A Voltage - Forward (Vf) (Max) @ If 1.41V @ 30A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 60ns Current - Reverse Leakage @ Vr 100μA @ 600V Capacitance @ Vr, F - Through Hole Package / Case TO-247-3 Supplier Device Package Operating Temperature - Junction -40°C ~ 150°C		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)30AVoltage - Forward (Vf) (Max) @ If1.41V @ 30ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)60nsCurrent - Reverse Leakage @ Vr100μA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247ACOperating Temperature - Junction-40°C ~ 150°C	Package	TO-247-3
Voltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)30AVoltage - Forward (Vf) (Max) @ If1.41V @ 30ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)60nsCurrent - Reverse Leakage @ Vr100μA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247ACOperating Temperature - Junction-40°C ~ 150°C	Series	-
Current - Average Rectified (Io)30AVoltage - Forward (Vf) (Max) @ If1.41V @ 30ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)60nsCurrent - Reverse Leakage @ Vr100μA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247ACOperating Temperature - Junction-40°C ~ 150°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 60ns Current - Reverse Leakage @ Vr 100μA @ 600V Capacitance @ Vr, F Mounting Type Through Hole Package / Case TO-247-3 Supplier Device Package TO-247AC Operating Temperature - Junction	Voltage - DC Reverse (Vr) (Max)	600V
SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)60nsCurrent - Reverse Leakage @ Vr100μA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247ACOperating Temperature - Junction-40°C ~ 150°C	Current - Average Rectified (Io)	30A
Reverse Recovery Time (trr) 60ns Current - Reverse Leakage @ Vr $100 \mu A$ @ 600V Capacitance @ Vr, F - Mounting Type Through Hole Package / Case TO-247-3 Supplier Device Package TO-247AC Operating Temperature - Junction $-40 ^{\circ}\text{C} \sim 150 ^{\circ}\text{C}$	Voltage - Forward (Vf) (Max) @ If	1.41V @ 30A
Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Through Hole Package / Case TO-247-3 Supplier Device Package Operating Temperature - Junction 100µA @ 600V - Through Hole TO-247-3	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F Mounting Type Through Hole Package / Case TO-247-3 Supplier Device Package TO-247AC Operating Temperature - Junction Through Hole TO-247-3	Reverse Recovery Time (trr)	60ns
Mounting Type Through Hole Package / Case TO-247-3 Supplier Device Package TO-247AC Operating Temperature - Junction Through Hole TO-247-3 -40°C ~ 150°C	Current - Reverse Leakage @ Vr	100μA @ 600V
Package / Case TO-247-3 Supplier Device Package TO-247AC Operating Temperature - Junction -40°C ~ 150°C	Capacitance @ Vr, F	-
Supplier Device Package $TO-247AC$ Operating Temperature - Junction $-40^{\circ}C \sim 150^{\circ}C$	Mounting Type	Through Hole
Operating Temperature - Junction -40°C ~ 150°C	Package / Case	TO-247-3
	Supplier Device Package	TO-247AC
Report errors?	Operating Temperature - Junction	-40°C ~ 150°C
		Report errors?

VS-30APF06PBF 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-30APF06PBF Payment Methods



















VS-30APF06PBF Shipping Methods













If you have any question about VS-30APF06PBF, please do not hesitate to contact us!

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