



VS-50WQ06FNPBF Information



For Reference Only

Part Number VS-50WQ06FNPBF

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

DescriptionDIODE SCHOTTKY 60V 5.5A DPAK**Package**TO-252-3, DPak (2 Leads + Tab), SC-63

For the pricing/inventory/lead time, please contact

us

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



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VS-50WQ06FNPBF Specifications

Manufacturer Part Number Manufacturer Vishay Semiconductor Diodes Division Category Discrete Semiconductor Products Diodes - Rectifiers - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - Diode Type Schottky Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If S70mV @ 5A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Sam		
Category Discrete Semiconductor Products Diodes - Rectifiers - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - Diode Type Schottky Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr SamA @ 60V Capacitance @ Vr, F Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-PAK (TO-252AA)	Manufacturer Part Number	VS-50WQ06FNPBF
Diodes - Rectifiers - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 60V Current - Average Rectified (Io) 5.5A Voltage - Forward (Vf) (Max) @ If 570mV @ 5A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 3mA @ 60V Capacitance @ Vr, F 360pF @ 5V, 1MHz Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package	Manufacturer	Vishay Semiconductor Diodes Division
Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 60V Current - Average Rectified (Io) 5.5A Voltage - Forward (Vf) (Max) @ If 570mV @ 5A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 3mA @ 60V Capacitance @ Vr, F 360pF @ 5V, 1MHz Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-PAK (TO-252AA)	Category	Discrete Semiconductor Products
Series - Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 60V Current - Average Rectified (Io) 5.5A Voltage - Forward (Vf) (Max) @ If 570mV @ 5A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 3mA @ 60V Capacitance @ Vr, F 360pF @ 5V, 1MHz Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-PAK (TO-252AA)		Diodes - Rectifiers - Single
Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 60V Current - Average Rectified (Io) 5.5A Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr SamA @ 60V Capacitance @ Vr, F 360pF @ 5V, 1MHz Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-PAK (TO-252AA)	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) 5.5A Voltage - Forward (Vf) (Max) @ If 570mV @ 5A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F 360pF @ 5V, 1MHz Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-PAK (TO-252AA)	Series	-
Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-PAK (TO-252AA)	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io)	Voltage - DC Reverse (Vr) (Max)	60V
Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-PAK (TO-252AA)	Current - Average Rectified (Io)	5.5A
Reverse Recovery Time (trr) Current - Reverse Leakage @ Vr SamA @ 60V Capacitance @ Vr, F Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-PAK (TO-252AA)	Voltage - Forward (Vf) (Max) @ If	570mV @ 5A
Current - Reverse Leakage @ Vr Capacitance @ Vr, F 360pF @ 5V, 1MHz Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-PAK (TO-252AA)	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F 360pF @ 5V, 1MHz Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-PAK (TO-252AA)	Reverse Recovery Time (trr)	-
Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-PAK (TO-252AA)	Current - Reverse Leakage @ Vr	3mA @ 60V
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-PAK (TO-252AA)	Capacitance @ Vr, F	360pF @ 5V, 1MHz
Supplier Device Package D-PAK (TO-252AA)	Mounting Type	Surface Mount
	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Operating Temperature - Junction $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Supplier Device Package	D-PAK (TO-252AA)
	Operating Temperature - Junction	-40°C ~ 150°C
Report errors?		Report errors?

VS-50WQ06FNPBF 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-50WQ06FNPBF Payment Methods



















VS-50WQ06FNPBF Shipping Methods













If you have any question about VS-50WQ06FNPBF, please do not hesitate to contact us!

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