

VS-16FL100S05

VS-16FL100S05 Information



For Reference Only

Part Number	VS-16FL100S05	
Manufacturer	Vishay Semiconductor Diodes Division	
Category	Discrete Semiconductor Products Diodes - Rectifiers - Single	
Description	DIODE GEN PURP 1KV 16A DO203AA	
Package	DO-203AA, DO-4, Stud	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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VS-16FL100S05 Specifications

Manufacturer Part NumberV\$-16FL100805ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsPackageDiodes - Rectifiers - SinglePackageO-203AA, DO-4, StudSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)16AVoltage - Forward (Vf) (Max) @ If14V @ 16ASpeedSet Recovery = Stons, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr50µA @ 1000VCapacitance @ Vr, F-Mounting TypeChasis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AA, DO-4, StudOperating Temperature - Junction50°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-203AA, DO-4, StudSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)16AVoltage - Forward (Vf) (Max) @ If1.4V @ 16ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr50µA @ 1000VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AA	Manufacturer Part Number	VS-16FL100S05
NumberDiodes - Rectifiers - SinglePackageDO-203AA, DO-4, StudSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)16AVoltage - Forward (Vf) (Max) @ If1.4V @ 16ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr50µA @ 1000VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AA	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-203AA, DO-4, StudSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)16AVoltage - Forward (Vf) (Max) @ If1.4V @ 16ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr50µA @ 1000VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AA	Category	Discrete Semiconductor Products
Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)16AVoltage - Forward (Vf) (Max) @ If1.4V @ 16ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr50µA @ 1000VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AA		Diodes - Rectifiers - Single
Diode TypeStandardDiode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)16AVoltage - Forward (Vf) (Max) @ If1.4V @ 16ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr50µA @ 1000VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AA	Package	DO-203AA, DO-4, Stud
Voltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)16AVoltage - Forward (Vf) (Max) @ If1.4V @ 16ASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr50µA @ 1000VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AA	Series	-
Current - Average Rectified (Io) 16A Voltage - Forward (Vf) (Max) @ If 1.4V @ 16A Speed Fast Recovery = < 500ns, > 200mA (Io) Reverse Recovery Time (trr) 500ns Current - Reverse Leakage @ Vr 50µA @ 1000V Capacitance @ Vr, F - Mounting Type Chassis, Stud Mount Package / Case DO-203AA, DO-4, Stud Supplier Device Package DO-203AA	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If1.4V @ 16ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr50µA @ 1000VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AA	Voltage - DC Reverse (Vr) (Max)	1000V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr50μA @ 1000VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AA	Current - Average Rectified (Io)	16A
Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr50µA @ 1000VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AA	Voltage - Forward (Vf) (Max) @ If	1.4V @ 16A
Current - Reverse Leakage @ Vr50µA @ 1000VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AA	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AA	Reverse Recovery Time (trr)	500ns
Nounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AA	Current - Reverse Leakage @ Vr	50µA @ 1000V
Package / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AA	Capacitance @ Vr, F	-
Supplier Device Package DO-203AA	Mounting Type	Chassis, Stud Mount
	Package / Case	DO-203AA, DO-4, Stud
Operating Temperature - Junction $-65^{\circ}C \sim 150^{\circ}C$	Supplier Device Package	DO-203AA
	Operating Temperature - Junction	-65°C ~ 150°C
Report error		Report errors?

VS-16FL100S05 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 GUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

VS-16FL100S05 Payment Methods





If you have any question about VS-16FL100S05, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com