

# VS-SD823C20S20C

## VS-SD823C20S20C Information

WWW IN CONTRACTOR	Part Number Manufacturer Category Description Package	VS-SD823C20S20C Vishay Semiconductor Diodes Division Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE MODULE 2KV 810A B-43 B-43, PUK For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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# VS-SD823C20S20C Specifications

Manufacturer Part NumberVS-SD823C20S20CManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageB-43, PUKSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)2000VCurrent - Average Rectified Io)810AVoltage - Forward (Vf) (Max) @ If2.2V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3µsCurrent - Reverse Leakage @ VrSomA @ 2000VCapacitance @ Vr, F-Mounting TypeStud MountPackage / CaseB-43, PUKSupplier Device PackageB-43, PUKOperating Temperature - Junction-Reverse Recovery Time (trr)Stud MountPackage / CaseB-43, PUKSupplier Device PackageB-43, PUKSupplier Device PackageB-43, PUKSupplier Device Package-Supplier Device PackageB-43, Hockey PUKOperating Temperature - Junction-Report errors?-		
CategoryDiscrete Semiconductor Products Diodes - Rectifiers - SinglePackageB-43, PUKSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)2000VCurrent - Average Rectified (Io)810AVoltage - Forward (Vf) (Max) @ If2.2V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3µsCurrent - Reverse Leakage @ Vr50mA @ 2000VCapacitance @ Vr, F-Mounting TypeStud MountPackage / CaseB-43, PUKSupplier Device PackageB-43, Hockey PUKOperating Temperature - Junction-	Manufacturer Part Number	VS-SD823C20S20C
Diodes - Rectifiers - SinglePackageB-43, PUKSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)2000VCurrent - Average Rectified (Jo)810AVoltage - Forward (Vf) (Max) @ If2.2V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Jo)Reverse Recovery Time (trr)3µsCurrent - Reverse Leakage @ Vr50mA @ 2000VCurrent - Reverse Leakage @ Vr50mA @ 2000VCapacitance @ Vr, F-Mounting TypeStud MountPackage / CaseB-43, PUKSupplier Device PackageB-43, Hockey PUKOperating Temperature - Junction-	Manufacturer	Vishay Semiconductor Diodes Division
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Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)2000VCurrent - Average Rectified (Jo)810AVoltage - Forward (Vf) (Max) @ If2.2V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Jo)Reverse Recovery Time (trr)3µsCurrent - Reverse Leakage @ Vr50mA @ 2000VCapacitance @ Vr, F-Mounting TypeStud MountPackage / CaseB-43, PUKSupplier Device PackageB-43, Hockey PUKOperating Temperature - Junction-		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)2000VCurrent - Average Rectified (Jo)810AVoltage - Forward (Vf) (Max) @ If2.2V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Jo)Reverse Recovery Time (trr)3µsCurrent - Reverse Leakage @ Vr50mA @ 2000VCapacitance @ Vr, F50mA @ 100NPackage / CaseB-43, PUKSupplier Device PackageB-43, Hockey PUKOperating Temperature - Junction-	Package	B-43, PUK
Yoltage - DC Reverse (Vr) (Max) 2000V   Current - Average Rectified (Jo) 810A   Yoltage - Forward (Vf) (Max) @ If 2.2V @ 1500A   Speed Standard Recovery >500ns, > 200mA (Jo)   Reverse Recovery Time (trr) 3µs   Current - Reverse Leakage @ Vr 50mA @ 2000V   Capacitance @ Vr, F -   Mounting Type Stud Mount   Package / Case B-43, PUK   Supplier Device Package B-43, Hockey PUK	Series	-
Current - Average Rectified (Io)810AVoltage - Forward (Vf) (Max) @ If2.2V @ 1500ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3μsCurrent - Reverse Leakage @ Vr50mA @ 2000VCapacitance @ Vr, F-Mounting TypeStud MountPackage / CaseB-43, PUKSupplier Device PackageB-43, Hockey PUKOperating Temperature - Junction-	Diode Type	Standard
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SpeedStandard Recovery > 500ns, > 200mA (Io)Reverse Recovery Time (trr)3µsCurrent - Reverse Leakage @ Vr50mA @ 2000VCapacitance @ Vr, F-Mounting TypeStud MountPackage / CaseB-43, PUKSupplier Device PackageB-43, Hockey PUKOperating Temperature - Junction-	Current - Average Rectified (Io)	810A
Reverse Recovery Time (trr)3µsCurrent - Reverse Leakage @ Vr50mA @ 2000VCapacitance @ Vr, F-Mounting TypeStud MountPackage / CaseB-43, PUKSupplier Device PackageB-43, Hockey PUKOperating Temperature - Junction-	Voltage - Forward (Vf) (Max) @ If	2.2V @ 1500A
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Capacitance @ Vr, F-Mounting TypeStud MountPackage / CaseB-43, PUKSupplier Device PackageB-43, Hockey PUKOperating Temperature - Junction-	Reverse Recovery Time (trr)	3µs
Mounting TypeStud MountPackage / CaseB-43, PUKSupplier Device PackageB-43, Hockey PUKOperating Temperature - Junction-	Current - Reverse Leakage @ Vr	50mA @ 2000V
Package / CaseB-43, PUKSupplier Device PackageB-43, Hockey PUKOperating Temperature - Junction-	Capacitance @ Vr, F	-
Supplier Device PackageB-43, Hockey PUKOperating Temperature - Junction-	Mounting Type	Stud Mount
Operating Temperature - Junction -	Package / Case	B-43, PUK
	Supplier Device Package	B-43, Hockey PUK
Report errors?	Operating Temperature - Junction	-
		Report errors?

#### VS-SD823C20S20C 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-SD823C20S20C Payment Methods



If you have any question about VS-SD823C20S20C, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com