

## SB240S-E3/54

#### SB240S-E3/54 Information

www.instanter.com	Part Number Manufacturer Category Description Package	SB240S-E3/54 Vishay Semiconductor Diodes Division Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE SCHOTTKY 40V 2A DO204AL DO-204AL, DO-41, Axial For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

### **Certified Quality**

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#### SB240S-E3/54 Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-204AL, DO-41, AxialSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If550mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting Type-Package / CaseDo-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-204AL, DO-41, AxialSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If550mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 125°C	Manufacturer Part Number	SB240S-E3/54
Diodes - Rectifiers - SinglePackageDO-204AL, DO-41, AxialSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If550mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL, DO-41)Operating Temperature - Junction-65°C ~ 125°C	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-204AL, DO-41, AxialSeries-Diode TypeSchotkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If550mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 125°C	Category	Discrete Semiconductor Products
Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If550mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 125°C		Diodes - Rectifiers - Single
Diode TypeSchottkyDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If550mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 125°C	Package	DO-204AL, DO-41, Axial
Voltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If550mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 125°C	Series	-
Current - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If550mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 40VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 125°C	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If550mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 40VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 125°C	Voltage - DC Reverse (Vr) (Max)	40V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 125°C	Current - Average Rectified (Io)	2A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 40VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 125°C	Voltage - Forward (Vf) (Max) @ If	550mV @ 2A
Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 125°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 125°C	Reverse Recovery Time (trr)	-
Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 125°C	Current - Reverse Leakage @ Vr	500µA @ 40V
Package / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 125°C	Capacitance @ Vr, F	-
Supplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 125°C	Mounting Type	Through Hole
Operating Temperature - Junction $-65^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Package / Case	DO-204AL, DO-41, Axial
	Supplier Device Package	DO-204AL (DO-41)
Report errors?	Operating Temperature - Junction	-65°C ~ 125°C
		Report errors?

#### SB240S-E3/54 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.

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