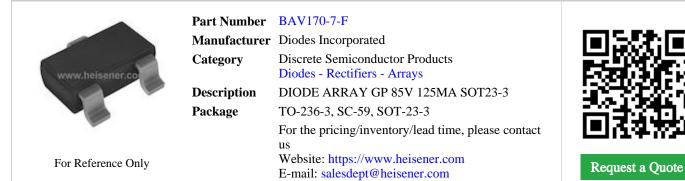


# BAV170-7-F

## **BAV170-7-F Information**



## **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.



## **BAV170-7-F Specifications**

Manufacturer Part NumberBAV170-7-FManufacturerDiodes IncorporatedCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - ArraysDiodes - Rectifiers - ArraysPackageTO-236-3, SC-59, SOT-23-3Series-Diode Configuration1 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)85VCurrent - Average Rectified (Io) (per Diode)125mA (DC)Voltage - Forward (Vf) (Max) @ If1.1V @ 50mASpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)3µsOperating Temperature - Junction65°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Swrenze DevicesSOT-23-3		
CategoryDiscrete Semiconductor ProductsCategoryDiodes - Rectifiers - ArraysPackageTO-236-3, SC-59, SOT-23-3Series-Diode Configuration1 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)85VCurrent - Average Rectified (Io) (per Diode)125mA (DC)Voltage - Forward (Vf) (Max) @ If1.1V @ 50mASpeedSmall Signal =< 200mA (Io), Any Speed	Manufacturer Part Number	BAV170-7-F
Diodes - Rectifiers - ArraysPackageDiodes - Rectifiers - ArraysPackageTO-236-3, SC-59, SOT-23-3Series-Diode Configuration1 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)85VCurrent - Average Rectified (Io) (per Diode)125mA (DC)Voltage - Forward (Vf) (Max) @ If1.1V @ 50mASpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)3µsCurrent - Reverse Leakage @ Vr5nA @ 75VOperating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Manufacturer	Diodes Incorporated
PackageTO-236-3, SC-59, SOT-23-3Series-Diode Configuration1 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)85VCurrent - Average Rectified (Io) (per Diode)125mA (DC)Voltage - Forward (Vf) (Max) @ If1.1V @ 50mASpeedSmall Signal =< 200mA (Io), Any Speed	Category	Discrete Semiconductor Products
Series-Diode Configuration1 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)85VCurrent - Average Rectified (Io) (per Diode)125mA (DC)Voltage - Forward (Vf) (Max) @ If1.1V @ 50mASpeedSmall Signal =< 200mA (Io), Any Speed		Diodes - Rectifiers - Arrays
Diode Configuration1 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)85VCurrent - Average Rectified (Io) (per Diode)125mA (DC)Voltage - Forward (Vf) (Max) @ If1.1V @ 50mASpeedSmall Signal =< 200mA (Io), Any Speed	Package	TO-236-3, SC-59, SOT-23-3
Diode TypeStandardDiode TypeStandardVoltage - DC Reverse (Vr) (Max)85VCurrent - Average Rectified (Io) (per Diode)125mA (DC)Voltage - Forward (Vf) (Max) @ If1.1V @ 50mASpeedSmall Signal =< 200mA (Io), Any Speed	Series	-
Voltage - DC Reverse (Vr) (Max)85VCurrent - Average Rectified (Io) (per Diode)125mA (DC)Voltage - Forward (Vf) (Max) @ If1.1V @ 50mASpeedSmall Signal =< 200mA (Io), Any Speed	Diode Configuration	1 Pair Common Cathode
Current - Average Rectified (Io) (per Diode)125mA (DC)Voltage - Forward (Vf) (Max) @ If1.1V @ 50mASpeedSmall Signal =< 200mA (Io), Any Speed	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If1.1V @ 50mASpeedSmall Signal =< 200mA (Io), Any Speed	Voltage - DC Reverse (Vr) (Max)	85V
SpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)3µsCurrent - Reverse Leakage @ Vr5nA @ 75VOperating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Current - Average Rectified (Io) (per Diode)	125mA (DC)
Reverse Recovery Time (trr)3μsCurrent - Reverse Leakage @ Vr5nA @ 75VOperating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Voltage - Forward (Vf) (Max) @ If	1.1V @ 50mA
Current - Reverse Leakage @ Vr5nA @ 75VOperating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Speed	Small Signal =< 200mA (Io), Any Speed
Operating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Reverse Recovery Time (trr)	Зµѕ
Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3	Current - Reverse Leakage @ Vr	5nA @ 75V
Package / Case TO-236-3, SC-59, SOT-23-3	Operating Temperature - Junction	-65°C ~ 150°C
	Mounting Type	Surface Mount
Sumplier Device Deckage SOT 22.2	Package / Case	TO-236-3, SC-59, SOT-23-3
Supplier Device Package SOI-23-5	Supplier Device Package	SOT-23-3
Report error		Report errors?

### **BAV170-7-F** 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.

## VICE Ser We

#### Service Guarantees

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



If you have any question about BAV170-7-F, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com