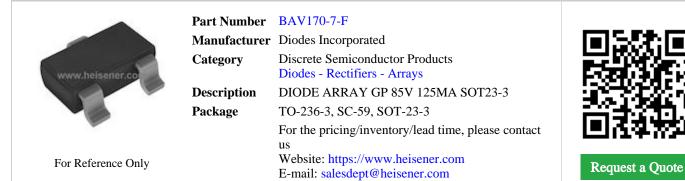


BAV170-7-F

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