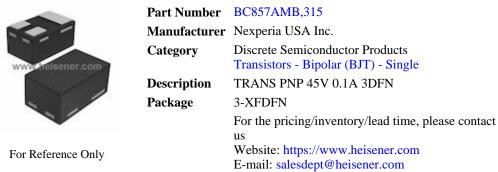


BC857AMB,315

BC857AMB,315 Information





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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.



BC857AMB,315 Specifications

ManufacturerNexperia USA Inc.CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackage3-XFDFNSeriesAutomotive, AEC-Q101Transistor TypePNPCurrent - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVcc Saturation (Max) @ Ib, Ic300mV @ 500µA, 10mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce125 @ 2mA, 5VPower - Max250mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case3-XFDFN		
CategoryDiscrete Semiconductor Products Transistors - Bipolar (BJT) - SinglePackage3-XFDFNPackageAutomotive, AEC-Q101SeriesAutomotive, AEC-Q101Transistor TypePNPCurrent - Collector (Lc) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic300mV @ 500µA, 10mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce125 @ 2mA, 5VPower - Max250mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case3-XFDFNSupplier Device Package3-DFN1006B (0.6s1)	Manufacturer Part Number	BC857AMB,315
Transistors - Bipolar (BJT) - SinglePackage3-XFDFNSeriesAutomotive, AEC-Q101Transistor TypePNPCurrent - Collector (Lc) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic300mV @ 500µA, 10mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce125 @ 2mA, 5VPower - Max250mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case3-XFDFNSupplier Device Package3-DFN1006B (0.6x1)	Manufacturer	Nexperia USA Inc.
Package3-XFDFNSeriesAutomotive, AEC-Q101Transistor TypePNPCurrent - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic300mV @ 500µA, 10mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce125 @ 2mA, 5VPower - Max250mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case3-XFDFNSupplier Device Package3-DFN1006B (0.6x1)	Category	Discrete Semiconductor Products
SeriesAutomotive, AEC-Q101Transistor TypePNPCurrent - Collector (Lc) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVcc Saturation (Max) @ Ib, Ic300mV @ 500µA, 10mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce125 @ 2mA, 5VPower - Max250mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case3-XFDFNSupplier Device Package3-DFN1006B (0.6x1)		Transistors - Bipolar (BJT) - Single
Transistor TypePNPCurrent - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic300mV @ 500µA, 10mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce125 @ 2mA, 5VPower - Max250mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case3-XFDFNSupplier Device Package3-DFN1006B (0.6x1)	Package	3-XFDFN
Current - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic300mV @ 500µA, 10mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce125 @ 2mA, 5VPower - Max250mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case3-XFDFNSupplier Device Package3-DFN1006B (0.6x1)	Series	Automotive, AEC-Q101
Voltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic300mV @ 500µA, 10mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce125 @ 2mA, 5VPower - Max250mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case3-XFDFNSupplier Device Package3-DFN1006B (0.6x1)	Transistor Type	PNP
Vce Saturation (Max) @ Ib, Ic300mV @ 500µA, 10mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce125 @ 2mA, 5VPower - Max250mWPower - Max100MHzOperating Temperature100MHzOperating TemperatureSurface MountPackage / Case3-XFDFNSupplier Device Package3-DFN1006B (0.6x1)	Current - Collector (Ic) (Max)	100mA
Current - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce125 @ 2mA, 5VPower - Max250mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case3-XFDFNSupplier Device Package3-DFN1006B (0.6x1)	Voltage - Collector Emitter Breakdown (Max)	45V
DC Current Gain (hFE) (Min) @ Ic, Vce125 @ 2mA, 5VPower - Max250mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case3-XFDFNSupplier Device Package3-DFN1006B (0.6x1)	Vce Saturation (Max) @ Ib, Ic	300mV @ 500µA, 10mA
Power - Max250mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case3-XFDFNSupplier Device Package3-DFN1006B (0.6x1)	Current - Collector Cutoff (Max)	15nA (ICBO)
Frequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case3-XFDFNSupplier Device Package3-DFN1006B (0.6x1)	DC Current Gain (hFE) (Min) @ Ic, Vce	125 @ 2mA, 5V
Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case3-XFDFNSupplier Device Package3-DFN1006B (0.6x1)	Power - Max	250mW
Mounting TypeSurface MountPackage / Case3-XFDFNSupplier Device Package3-DFN1006B (0.6x1)	Frequency - Transition	100MHz
Package / Case3-XFDFNSupplier Device Package3-DFN1006B (0.6x1)	Operating Temperature	150°C (TJ)
Supplier Device Package 3-DFN1006B (0.6x1)	Mounting Type	Surface Mount
	Package / Case	3-XFDFN
Report errors?	Supplier Device Package	3-DFN1006B (0.6x1)
		Report errors?

BC857AMB,315 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

Service Guarantees

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

BC857AMB,315 Payment Methods



BC857AMB,315 Shipping Methods



If you have any question about BC857AMB,315, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com