

BC857B,215

BC857B,215 Information



Part Number	BC857B,215	
Manufacturer	Nexperia USA Inc.	
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single	
Description	TRANS PNP 45V 0.1A SOT23	
Package	TO-236-3, SC-59, SOT-23-3	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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BC857B,215 Specifications

Manufacturer Part NumberBC857B,215ManufacturerNexperia USA Inc.CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-236-3, SC-59, SOT-23-3SeriesAutomotive, AEC-Q101Transistor TypePNPCurrent - Collector (Lc) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic650mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Lc, Vce220 @ 2mA, 5VPower - Max550mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236-3, SC-59, SOT-23-3		
CategoryDiscrete Semiconductor Products Transistors - Bipolar (BJT) - SinglePackageTo-236-3, SC-59, SOT-23-3SeriesAutomotive, AEC-Q101Transistor TypePNPCurrent - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic650mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce220 @ 2mA, 5VPower - Max50mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTo-236A, SC-59, SOT-23-3Supplier Device PackageTo-236AB (SOT23)	Manufacturer Part Number	BC857B,215
Transitors - Bipolar (BJT) - SinglePackageTo-236-3, SC-59, SOT-23-3SeriesAutomotive, AEC-Q101Transistor TypePNPCurrent - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic650mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce220 @ 2mA, 5VPower - Max250mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTo-236-3, SC-59, SOT-23-3Supplier Device PackageTo-236AB (SOT23)	Manufacturer	Nexperia USA Inc.
PackageTO-236-3, SC-59, SOT-23-3SeriesAutomotive, AEC-Q101Transistor TypePNPCurrent - Collector (Lc) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic650mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce220 @ 2mA, 5VPower - Max250mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Category	Discrete Semiconductor Products
SeriesAutomotive, AEC-Q101Transistor TypePNPCurrent - Collector (Lo) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic650mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce220 @ 2mA, 5VPower - Max50mWFrequency - Transition100MHzOperating Temperature50°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)		Transistors - Bipolar (BJT) - Single
Transistor TypePNPCurrent - Collector (Lo) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic650mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce220 @ 2mA, 5VPower - Max250mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Package	TO-236-3, SC-59, SOT-23-3
Current - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic650mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce220 @ 2mA, 5VPower - Max250mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236AB (SOT23)	Series	Automotive, AEC-Q101
Voltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic650mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce220 @ 2mA, 5VPower - Max550mWPower - Max100MHzFrequency - Transition100MHzOperating Temperature550°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Transistor Type	PNP
Yce Saturation (Max) @ Ib, Ic650mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce220 @ 2mA, 5VPower - Max250mWPower - Max250mWOperating Temperature100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Current - Collector (Ic) (Max)	100mA
Current - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce220 @ 2mA, 5VPower - Max250mWFrequency - Transition100MHzOperating Temperature100MHzMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Voltage - Collector Emitter Breakdown (Max)	45V
DC Current Gain (hFE) (Min) @ Ic, Vce220 @ 2mA, 5VPower - Max250mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Vce Saturation (Max) @ Ib, Ic	650mV @ 5mA, 100mA
Power - Max250mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Current - Collector Cutoff (Max)	15nA (ICBO)
Frequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	DC Current Gain (hFE) (Min) @ Ic, Vce	220 @ 2mA, 5V
Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Power - Max	250mW
Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Frequency - Transition	100MHz
Package / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Operating Temperature	150°C (TJ)
Supplier Device Package TO-236AB (SOT23)	Mounting Type	Surface Mount
	Package / Case	TO-236-3, SC-59, SOT-23-3
Report errors?	Supplier Device Package	TO-236AB (SOT23)
		Report errors?

BC857B,215 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.

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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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