

BC847CT,115

BC847CT,115 Information



Part NumberBC847CT,115ManufacturerNXPCategoryDiscrete Semiconductor Products
Transistors - Bipolar (BJT) - SingleDescriptionTRANS NPN 45V 0.1A SOT416PackageSC-75, SOT-416
For the pricing/inventory/lead time, please contact
us
Website: https://www.heisener.com
E-mail: salesdept@heisener.com



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BC847CT,115 Specifications

CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageSC-75, SOT-416SeriesAutomotive, AEC-Q101Transistor TypeNPNCurrent - Collector (Lc) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVcc Saturation (Max) @ Ib, Ic400mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce420 @ 2mA, 5VPower - Max150mWFrequency - Transition100MHzOperating TemperatureSurface MountAuonting TypeSurface MountPackage / CaseSc-75, SOT-416Supplier Device PackageSc-75	Manufacturer Part Number	BC847CT,115
Transistor - Bipolar (BJT) - SinglePackageSC-75, SOT-416SeriesAutomotive, AEC-Q101Transistor TypeNPNCurrent - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic400mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce420 @ 2mA, 5VPower - Max150mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75	Manufacturer	NXP
PackageSC-75, SOT-416SeriesAutomotive, AEC-Q101Transistor TypeNPNCurrent - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic400mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce420 @ 2mA, 5VPower - Max150mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75	Category	Discrete Semiconductor Products
SeriesAutomotive, AEC-Q101Transistor TypeNPNCurrent - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic400mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce420 @ 2mA, 5VPower - Max150mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75		Transistors - Bipolar (BJT) - Single
Transistor TypeNPNCurrent - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic400mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce420 @ 2mA, 5VPower - Max150mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75	Package	SC-75, SOT-416
Current - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic400mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce420 @ 2mA, 5VPower - Max150mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75	Series	Automotive, AEC-Q101
Voltage - Collector Emitter Breakdown (Max)45VVce Saturation (Max) @ Ib, Ic400mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce420 @ 2mA, 5VPower - Max150mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75	Transistor Type	NPN
Yee Saturation (Max) @ Ib, Ic400mV @ 5mA, 100mACurrent - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce420 @ 2mA, 5VPower - Max150mWPower - Max100MHzOperating Temperature100MHzOperating TemperatureSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75	Current - Collector (Ic) (Max)	100mA
Current - Collector Cutoff (Max)15nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce420 @ 2mA, 5VPower - Max150mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75	Voltage - Collector Emitter Breakdown (Max)	45V
DC Current Gain (hFE) (Min) @ Ic, Vce420 @ 2mA, 5VPower - Max150mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75	Vce Saturation (Max) @ Ib, Ic	400mV @ 5mA, 100mA
Power - Max150mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75	Current - Collector Cutoff (Max)	15nA (ICBO)
Frequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75	DC Current Gain (hFE) (Min) @ Ic, Vce	420 @ 2mA, 5V
Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75	Power - Max	150mW
Mounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75	Frequency - Transition	100MHz
Package / CaseSC-75, SOT-416Supplier Device PackageSC-75	Operating Temperature	150°C (TJ)
Supplier Device Package SC-75	Mounting Type	Surface Mount
	Package / Case	SC-75, SOT-416
Report errors?	Supplier Device Package	SC-75
		Report errors?

BC847CT,115 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.

BC847CT,115 Payment Methods



BC847CT,115 Shipping Methods



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