

BC447G

BC447G Information



Part Number	BC447G	
Manufacturer	ON Semiconductor	
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single	
Description	TRANS NPN 80V 0.3A TO-92	
Package	TO-226-3, TO-92-3 (TO-226AA)	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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For Reference Only

Certified Quality

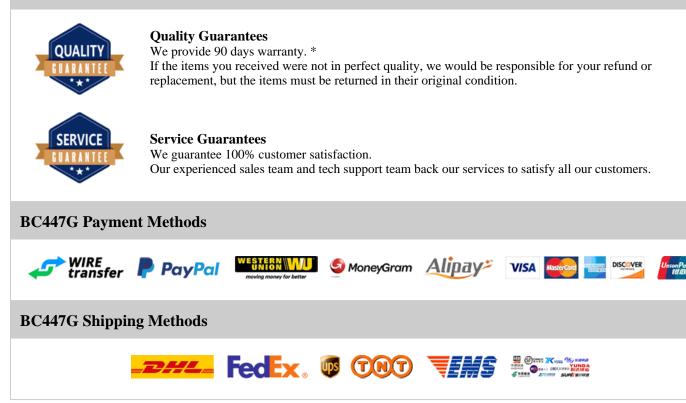
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BC447G Specifications

Manufacturer Part NumberBC447GManufacturerON SemiconductorCategoryDiscrete Semiconductor ProductsCategoryTransistor ProductsPackageTo-226-3, TO-92-3 (TO-226AA)Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)300mAVoltage - Collector Emitter Breakdown (Max)80VVcc Saturation (Max) @ Ib, Ic250mV @ 10mA, 100mACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce50 @ 2mA, 5VPower - Max625mWPrequency - Transition200MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough Hole		
CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)300mAVoltage - Collector Emitter Breakdown (Max)80VVcc Saturation (Max) @ Ib, Ic250mV @ 10mA, 100mACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce50 @ 2mA, 5VPower - Max625mWFrequency - Transition200MHzOperating Temperature-55°C ~ 150°C (TJ)	Manufacturer Part Number	
Frequency - TransitionTransistors - Bipolar (BJT) - SinglePackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypeNPNCurrent - Collector (Lc) (Max)300mAVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic250mV @ 10mA, 100mACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce50 @ 2mA, 5VPower - Max625mWFrequency - Transition200MHzOperating Temperature-55°C ~ 150°C (TJ)	Manufacturer	
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Current - Collector (Lc) (Max)300mAVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic250mV @ 10mA, 100mACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce50 @ 2mA, 5VPower - Max625mWFrequency - Transition200MHzOperating Temperature-55°C ~ 150°C (TJ)	Series	
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Vce Saturation (Max) @ Ib, Ic 250mV @ 10mA, 100mA Current - Collector Cutoff (Max) 100nA (ICBO) DC Current Gain (hFE) (Min) @ Ic, Vce 50 @ 2mA, 5V Power - Max 625mW Frequency - Transition 200MHz Operating Temperature -55°C ~ 150°C (TJ)	Current - Collector (Ic) (Max)	
Current - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce50 @ 2mA, 5VPower - Max625mWFrequency - Transition200MHzOperating Temperature-55°C ~ 150°C (TJ)	Voltage - Collector Emitter Breakdown (Max)	
DC Current Gain (hFE) (Min) @ Ic, Vce 50 @ 2mA, 5V Power - Max 625mW Frequency - Transition 200MHz Operating Temperature -55°C ~ 150°C (TJ)	Vce Saturation (Max) @ Ib, Ic	
Power - Max625mWFrequency - Transition200MHzOperating Temperature-55°C ~ 150°C (TJ)	Current - Collector Cutoff (Max)	
Frequency - Transition200MHzOperating Temperature-55°C ~ 150°C (TJ)	DC Current Gain (hFE) (Min) @ Ic, Vce	
Operating Temperature $-55^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{(TJ)}$	Power - Max	
	Frequency - Transition	
Mounting Type Through Hole	Operating Temperature	
	Mounting Type	
Package / Case TO-226-3, TO-92-3 (TO-226AA)	Package / Case	
Supplier Device Package TO-92-3	Supplier Device Package	
Report e		Report errors?

BC447G Guarantees



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