## BC817-16Q-7-F Information



For Reference Only

Part Number BC817-16Q-7-F
Manufacturer Diodes Incorporated
Category Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
Description TRANS NPN 45V 500MA 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


Request a Quote

## 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.


## BC817-16Q-7-F Specifications

| Manufacturer Part Number | BC817-16Q-7-F |
| :--- | :--- |
| Manufacturer | Diodes Incorporated |
| Category | Discrete Semiconductor Products |
|  | Transistors - Bipolar (BJT) - Single |
| Package | TO-236-3, SC-59, SOT-23-3 |
| Series | Automotive, AEC-Q101 |
| Transistor Type | NPN |
| Current - Collector (Ic) (Max) | 500 mA |
| Voltage - Collector Emitter Breakdown (Max) | 45 V |
| Vce Saturation (Max) @ Ib, Ic | 700 mV @ 50mA, 500mA |
| Current - Collector Cutoff (Max) | 100 nA |
| DC Current Gain (hFE) (Min) @ Ic, Vce | $100 @ 100 \mathrm{~mA}, 1 \mathrm{~V}$ |
| Power - Max | 310 mW |
| Frequency - Transition | 100 MHz |
| Operating Temperature | $-65^{\circ} \mathrm{C} \sim 150^{\circ} \mathrm{C}$ (TJ) |
| Mounting Type | Surface Mount |
| Package / Case | TO-236-3, SC-59, SOT-23-3 |
| Supplier Device Package | SOT-23 |

## BC817-16Q-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.

## BC817-16Q-7-F Payment Methods

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## BC817-16Q-7-F Shipping Methods

If you have any question about BC817-16Q-7-F, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

