

**MMBTA06Q-7-F Information**


For Reference Only

**Part Number** [MMBTA06Q-7-F](#)  
**Manufacturer** Diodes Incorporated  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - Single](#)  
**Description** TRANS NPN 80V 0.5A 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](mailto: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.


**MMBTA06Q-7-F Specifications**

|   |  |
|---|--|
| Manufacturer Part Number                    | <a href="#">MMBTA06Q-7-F</a>                         |
| Manufacturer                                | Diodes Incorporated                                  |
| Category                                    | Discrete Semiconductor Products                      |
|   | <a href="#">Transistors - Bipolar (BJT) - Single</a> |
| Package                                     | TO-236-3, SC-59, SOT-23-3                            |
| Series                                      | -  |
| Transistor Type                             | NPN  |
| Current - Collector (Ic) (Max)              | 500mA  |
| Voltage - Collector Emitter Breakdown (Max) | 80V  |
| Vce Saturation (Max) @ Ib, Ic               | 250mV @ 10mA, 100mA                                  |
| Current - Collector Cutoff (Max)            | 100nA  |
| DC Current Gain (hFE) (Min) @ Ic, Vce       | 100 @ 100mA, 1V                                      |
| Power - Max                                 | 350mW  |
| Frequency - Transition                      | 100MHz   |
| Operating Temperature                       | -55°C ~ 150°C (TJ)                                   |
| Mounting Type                               | Surface Mount  |
| Package / Case                              | TO-236-3, SC-59, SOT-23-3                            |
| Supplier Device Package                     | SOT-23-3   |

[Report errors?](#)

## MMBTA06Q-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.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## MMBTA06Q-7-F Payment Methods



## MMBTA06Q-7-F Shipping Methods



If you have any question about MMBTA06Q-7-F, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)