

**MMBTA05-7 Information**


For Reference Only

**Part Number** [MMBTA05-7](#)  
**Manufacturer** Diodes Incorporated  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - Single](#)  
**Description** TRANS NPN 60V 0.5A SOT23-3  
**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.


**MMBTA05-7 Specifications**

Manufacturer Part Number	<a href="#">MMBTA05-7</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)	60V
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	300mW
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?](#)

## MMBTA05-7 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.

## MMBTA05-7 Payment Methods



## MMBTA05-7 Shipping Methods



If you have any question about MMBTA05-7, please do not hesitate to contact us!

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

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