

TTC009,F(M Information)


For Reference Only

Part Number [TTC009,F\(M\)](#)
Manufacturer Toshiba Semiconductor and Storage
Category Discrete Semiconductor Products
[Transistors - Bipolar \(BJT\) - Single](#)
Description TRANS NPN 3A 80V TO220-3
Package TO-220-3 Full Pack
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


TTC009,F(M Specifications)

Manufacturer Part Number	TTC009,F(M)
Manufacturer	Toshiba Semiconductor and Storage
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
Package	TO-220-3 Full Pack
Series	-
Transistor Type	NPN
Current - Collector (Ic) (Max)	3A
Voltage - Collector Emitter Breakdown (Max)	80V
Vce Saturation (Max) @ Ib, Ic	500mV @ 100mA, 1A
Current - Collector Cutoff (Max)	100nA (ICBO)
DC Current Gain (hFE) (Min) @ Ic, Vce	100 @ 500mA, 5V
Power - Max	2W
Frequency - Transition	150MHz
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3 Full Pack
Supplier Device Package	TO-220NIS

[Report errors?](#)

TTC009,F(M 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.

TTC009,F(M Payment Methods



TTC009,F(M Shipping Methods



If you have any question about TTC009,F(M, please do not hesitate to contact us!

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