

**TIP102-BP Information**


For Reference Only

**Part Number** [TIP102-BP](#)  
**Manufacturer** Micro Commercial Co  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - Single](#)  
**Description** TRANS NPN DARL 100V 8A TO-220  
**Package** TO-220-3  
 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.


**TIP102-BP Specifications**

Manufacturer Part Number	<a href="#">TIP102-BP</a>
Manufacturer	Micro Commercial Co
Category	Discrete Semiconductor Products <a href="#">Transistors - Bipolar (BJT) - Single</a>
Package	TO-220-3
Series	-
Transistor Type	NPN - Darlington
Current - Collector (Ic) (Max)	8A
Voltage - Collector Emitter Breakdown (Max)	100V
Vce Saturation (Max) @ Ib, Ic	2.5V @ 80mA, 8A
Current - Collector Cutoff (Max)	50µA
DC Current Gain (hFE) (Min) @ Ic, Vce	1000 @ 3A, 4V
Power - Max	80W
Frequency - Transition	-
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3
Supplier Device Package	TO-220

[Report errors?](#)

## TIP102-BP 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.

## TIP102-BP Payment Methods



## TIP102-BP Shipping Methods



If you have any question about TIP102-BP, please do not hesitate to contact us!

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