

**BD245B-S Information**


For Reference Only

**Part Number** [BD245B-S](#)  
**Manufacturer** Bourns Inc.  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - Single](#)  
**Description** TRANS NPN 80V 10A  
**Package** TO-218-3  
 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.


**BD245B-S Specifications**

Manufacturer Part Number	<a href="#">BD245B-S</a>
Manufacturer	Bourns Inc.
Category	Discrete Semiconductor Products <a href="#">Transistors - Bipolar (BJT) - Single</a>
Package	TO-218-3
Series	-
Transistor Type	NPN
Current - Collector (Ic) (Max)	10A
Voltage - Collector Emitter Breakdown (Max)	80V
Vce Saturation (Max) @ Ib, Ic	4V @ 2.5A, 10A
Current - Collector Cutoff (Max)	700µA
DC Current Gain (hFE) (Min) @ Ic, Vce	20 @ 3A, 4V
Power - Max	3W
Frequency - Transition	-
Operating Temperature	-65°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-218-3
Supplier Device Package	SOT-93

[Report errors?](#)

## BD245B-S 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.

## BD245B-S Payment Methods



## BD245B-S Shipping Methods



If you have any question about BD245B-S, please do not hesitate to contact us!

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

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