

**BD545B-S Information**


For Reference Only

**Part Number** [BD545B-S](#)  
**Manufacturer** Bourns Inc.  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - Single](#)  
**Description** TRANS NPN 80V 15A  
**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.


**BD545B-S Specifications**

|   |   |
|---|---|
| Manufacturer Part Number                    | <a href="#">BD545B-S</a>  |
| Manufacturer                                | Bourns Inc.   |
| Category                                    | Discrete Semiconductor Products<br><a href="#">Transistors - Bipolar (BJT) - Single</a> |
| Package                                     | TO-218-3  |
| Series                                      | -   |
| Transistor Type                             | NPN   |
| Current - Collector (Ic) (Max)              | 15A   |
| Voltage - Collector Emitter Breakdown (Max) | 80V   |
| Vce Saturation (Max) @ Ib, Ic               | 1V @ 2A, 10A  |
| Current - Collector Cutoff (Max)            | 700µA   |
| DC Current Gain (hFE) (Min) @ Ic, Vce       | 10 @ 10A, 4V  |
| Power - Max                                 | 3.5W  |
| 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?](#)

## BD545B-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.

## BD545B-S Payment Methods



## BD545B-S Shipping Methods



If you have any question about BD545B-S, please do not hesitate to contact us!

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

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