

**2SB09510P Information**


For Reference Only

**Part Number** 2SB09510P  
**Manufacturer** Panasonic Electronic Components  
**Category** Discrete Semiconductor Products  
     **Transistors - Bipolar (BJT) - Single**  
**Description** TRANS PNP DARL 60V 8A TO-220F  
**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](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.


**2SB09510P Specifications**

|   |  |
|---|--|
| Manufacturer Part Number                    | 2SB09510P  |
| Manufacturer                                | Panasonic Electronic Components  |
| Category                                    | Discrete Semiconductor Products<br><b>Transistors - Bipolar (BJT) - Single</b> |
| Package                                     | TO-220-3 Full Pack   |
| Series                                      | -  |
| Transistor Type                             | PNP - Darlington   |
| Current - Collector (Ic) (Max)              | 8A   |
| Voltage - Collector Emitter Breakdown (Max) | 60V  |
| Vce Saturation (Max) @ Ib, Ic               | 1.5V @ 8mA, 4A   |
| Current - Collector Cutoff (Max)            | 100µA (ICBO)   |
| DC Current Gain (hFE) (Min) @ Ic, Vce       | 4000 @ 4A, 3V  |
| Power - Max                                 | 2W   |
| Frequency - Transition                      | 20MHz  |
| Operating Temperature                       | 150°C (TJ)   |
| Mounting Type                               | Through Hole   |
| Package / Case                              | TO-220-3 Full Pack   |
| Supplier Device Package                     | TO-220F-A1   |

[Report errors?](#)

## 2SB09510P 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.

## 2SB09510P Payment Methods



## 2SB09510P Shipping Methods



If you have any question about 2SB09510P, please do not hesitate to contact us!

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

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