

# 2SB09510P

#### **2SB09510P Information**

|  | For Reference Only | Part Number  | 2SB09510P   |                 |
|--|--------------------|--------------|---|-----------------|
|  |                    | Manufacturer | Panasonic Electronic Components   |                 |
|  |                    | Category     | Discrete Semiconductor Products<br>Transistors - Bipolar (BJT) - Single |                 |
|  |                    | Description  | TRANS PNP DARL 60V 8A TO-220F   | Ser P. P.       |
|  |                    | Package      | TO-220-3 Full Pack  |                 |
|  |                    |              | For the pricing/inventory/lead time, please contact us                  |                 |
|  |                    |              | Website: https://www.heisener.com<br>E-mail: salesdent@heisener.com     | Request a Quote |

E-mail: salesdept@heisener.com

## **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      |
|   | Transistors - Bipolar (BJT) - Single |
| 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.



If you have any question about 2SB09510P, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com