

**2DD1766R-13 Information**


For Reference Only

**Part Number** [2DD1766R-13](#)  
**Manufacturer** Diodes Incorporated  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - Single](#)  
**Description** TRANS NPN 32V 2A SOT89-3  
**Package** TO-243AA  
 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.


**2DD1766R-13 Specifications**

|   |  |
|---|--|
| Manufacturer Part Number                    | <a href="#">2DD1766R-13</a>                          |
| Manufacturer                                | Diodes Incorporated                                  |
| Category                                    | Discrete Semiconductor Products                      |
|   | <a href="#">Transistors - Bipolar (BJT) - Single</a> |
| Package                                     | TO-243AA   |
| Series                                      | -  |
| Transistor Type                             | NPN  |
| Current - Collector (Ic) (Max)              | 2A   |
| Voltage - Collector Emitter Breakdown (Max) | 32V  |
| Vce Saturation (Max) @ Ib, Ic               | 800mV @ 200mA, 2A                                    |
| Current - Collector Cutoff (Max)            | 1μA (ICBO)   |
| DC Current Gain (hFE) (Min) @ Ic, Vce       | 180 @ 500mA, 3V                                      |
| Power - Max                                 | 1W   |
| Frequency - Transition                      | 220MHz   |
| Operating Temperature                       | -55°C ~ 150°C (TJ)                                   |
| Mounting Type                               | Surface Mount  |
| Package / Case                              | TO-243AA   |
| Supplier Device Package                     | SOT-89-3   |

[Report errors?](#)

## 2DD1766R-13 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.

## 2DD1766R-13 Payment Methods



## 2DD1766R-13 Shipping Methods



If you have any question about 2DD1766R-13, please do not hesitate to contact us!

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