

**PBRN123ET,215 Information**


For Reference Only

**Part Number** [PBRN123ET,215](#)  
**Manufacturer** Nexperia USA Inc.  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - Single, Pre-Biased](#)  
**Description** TRANS PREBIAS NPN 250MW TO236AB  
**Package** TO-236-3, SC-59, SOT-23-3  
 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.


**PBRN123ET,215 Specifications**

|   |   |
|---|---|
| Manufacturer Part Number                    | <a href="#">PBRN123ET,215</a>   |
| Manufacturer                                | Nexperia USA Inc.   |
| Category                                    | Discrete Semiconductor Products<br><a href="#">Transistors - Bipolar (BJT) - Single, Pre-Biased</a> |
| Package                                     | TO-236-3, SC-59, SOT-23-3   |
| Series                                      | -   |
| Transistor Type                             | NPN - Pre-Biased  |
| Current - Collector (Ic) (Max)              | 600mA   |
| Voltage - Collector Emitter Breakdown (Max) | 40V   |
| Resistor - Base (R1) (Ohms)                 | 2.2k  |
| Resistor - Emitter Base (R2) (Ohms)         | 2.2k  |
| DC Current Gain (hFE) (Min) @ Ic, Vce       | 280 @ 300mA, 5V   |
| Vce Saturation (Max) @ Ib, Ic               | 1.15V @ 8mA, 800mA  |
| Current - Collector Cutoff (Max)            | 500nA   |
| Frequency - Transition                      | -   |
| Power - Max                                 | 250mW   |
| Mounting Type                               | Surface Mount   |
| Package / Case                              | TO-236-3, SC-59, SOT-23-3   |
| Supplier Device Package                     | TO-236AB (SOT23)  |

[Report errors?](#)

## PBRN123ET,215 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.

## PBRN123ET,215 Payment Methods



## PBRN123ET,215 Shipping Methods



If you have any question about PBRN123ET,215, please do not hesitate to contact us!

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

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