

**KSD5018TU Information**


For Reference Only

**Part Number** [KSD5018TU](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - Single](#)  
**Description** TRANS NPN DARL 275V 4A TO-220  
**Package** TO-220-3  
 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.


**KSD5018TU Specifications**

|   |  |
|---|--|
| Manufacturer Part Number                    | <a href="#">KSD5018TU</a>                            |
| Manufacturer                                | Fairchild/ON Semiconductor                           |
| Category                                    | Discrete Semiconductor Products                      |
|   | <a href="#">Transistors - Bipolar (BJT) - Single</a> |
| Package                                     | TO-220-3   |
| Series                                      | -  |
| Transistor Type                             | NPN - Darlington                                     |
| Current - Collector (Ic) (Max)              | 4A   |
| Voltage - Collector Emitter Breakdown (Max) | 275V   |
| Vce Saturation (Max) @ Ib, Ic               | 1.5V @ 20mA, 3A                                      |
| Current - Collector Cutoff (Max)            | 1mA  |
| DC Current Gain (hFE) (Min) @ Ic, Vce       | -  |
| Power - Max                                 | 40W  |
| Frequency - Transition                      | -  |
| Operating Temperature                       | 150°C (TJ)   |
| Mounting Type                               | Through Hole   |
| Package / Case                              | TO-220-3   |
| Supplier Device Package                     | TO-220-3   |
| <a href="#">Report errors?</a>              |  |

## KSD5018TU 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.

## KSD5018TU Payment Methods



## KSD5018TU Shipping Methods



If you have any question about KSD5018TU, please do not hesitate to contact us!

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

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