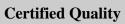


# DTC114YET1

Request a Quote

# **DTC114YET1** Information

|      | Part Number  | DTC114YET1  |  |
|------|--------------|---|--|
|      | Manufacturer | ON Semiconductor  |  |
| .com | Category     | Discrete Semiconductor Products<br>Transistors - Bipolar (BJT) - Single, Pre-Biased |  |
|      | Description  | TRANS PREBIAS NPN 200MW SC75  |  |
| 10   | Package      | SC-75, SOT-416  |  |
|      |              | For the pricing/inventory/lead time, please contact                                 |  |
| Only |              | us  |  |
|      |              | Website: https://www.heisener.com   |  |
|      |              | E-mail: salesdept@heisener.com  |  |



For Reference

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.



# **DTC114YET1 Specifications**

| Manufacturer Part Number                    | DTC114YET1                                       |
|---|--|
| Manufacturer                                | ON Semiconductor                                 |
| Category                                    | Discrete Semiconductor Products                  |
|   | Transistors - Bipolar (BJT) - Single, Pre-Biased |
| Package                                     | SC-75, SOT-416                                   |
| Series                                      | -  |
| Transistor Type                             | NPN - Pre-Biased                                 |
| Current - Collector (Ic) (Max)              | 100mA  |
| Voltage - Collector Emitter Breakdown (Max) | 50V  |
| Resistor - Base (R1) (Ohms)                 | 10k  |
| Resistor - Emitter Base (R2) (Ohms)         | 47k  |
| DC Current Gain (hFE) (Min) @ Ic, Vce       | 80 @ 5mA, 10V                                    |
| Vce Saturation (Max) @ Ib, Ic               | 250mV @ 300µA, 10mA                              |
| Current - Collector Cutoff (Max)            | 500nA  |
| Frequency - Transition                      | -  |
| Power - Max                                 | 200mW  |
| Mounting Type                               | Surface Mount                                    |
| Package / Case                              | SC-75, SOT-416                                   |
| Supplier Device Package                     | SC-75, SOT-416                                   |
|   | Report errors?                                   |

### **DTC114YET1** 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.

### **DTC114YET1 Payment Methods**



### **DTC114YET1** Shipping Methods



If you have any question about DTC114YET1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com