

## **4N48 Information**



For Reference Only

| Part Number  | 4N48   |
|--------------|--|
| Manufacturer | TT Electronics/Optek Technology  |
| Category     | Isolators<br>Optoisolators - Transistor, Photovoltaic Output   |
| Description  | OPTOISO 1KV TRANS W/BASE TO78-6  |
| Package      | TO-78-6 Metal Can  |
|              | For the pricing/inventory/lead time, please contact<br>us<br>Website: https://www.heisener.com<br>E-mail: salesdept@heisener.com |



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## **Certified Quality**

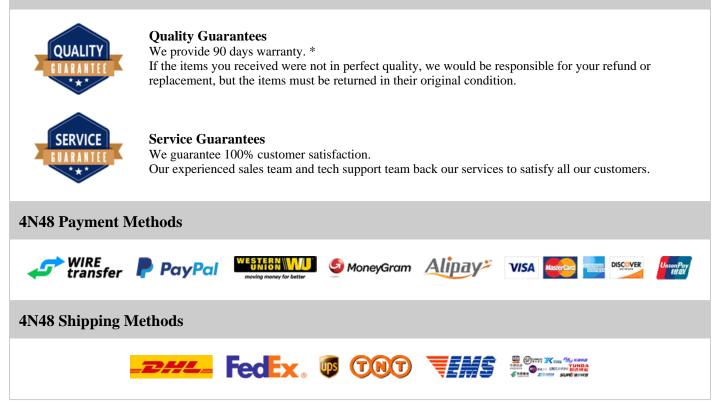
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## **4N48 Specifications**

| Manufacturer Part Number        | 4N48  |
|---------------------------------|---|
| Manufacturer                    | TT Electronics/Optek Technology                 |
| Category                        | Isolators                                       |
|                                 | Optoisolators - Transistor, Photovoltaic Output |
| Package                         | TO-78-6 Metal Can                               |
| Series                          | -   |
| Number of Channels              | 1   |
| Voltage - Isolation             | 1000VDC   |
| Current Transfer Ratio (Min)    | 100% @ 1mA                                      |
| Current Transfer Ratio (Max)    | 500% @ 1mA                                      |
| Turn On / Turn Off Time (Typ)   | -   |
| Rise / Fall Time (Typ)          | 20µs, 20µs                                      |
| Input Type                      | DC  |
| Output Type                     | Transistor with Base                            |
| Voltage - Output (Max)          | 40V   |
| Current - Output / Channel      | 50mA  |
| Voltage - Forward (Vf) (Typ)    | 1.5V (Max)                                      |
| Current - DC Forward (If) (Max) | 40mA  |
| Vce Saturation (Max)            | 300mV   |
| Operating Temperature           | -55°C ~ 125°C                                   |
| Mounting Type                   | Through Hole                                    |
| Package / Case                  | TO-78-6 Metal Can                               |
| Supplier Device Package         | TO-78-6   |
|                                 | Report errors?                                  |

## **4N48 Guarantees**



If you have any question about 4N48, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com