



### 416F48013IAT Information



For Reference Only

Part Number 416F48013IAT

Manufacturer CTS-Frequency Controls

Category Crystals, Oscillators, Resonators

Crystals

**Description** CRYSTAL 48.000 MHZ 10PF SMT

Package 4-SMD, No Lead

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: 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.









## 416F48013IAT Specifications

| Manufacturer Part Number           | 416F48013IAT                          |
|------------------------------------|---------------------------------------|
| Manufacturer                       | CTS-Frequency Controls                |
| Category                           | Crystals, Oscillators, Resonators     |
|                                    | Crystals                              |
| Package                            | 4-SMD, No Lead                        |
| Series                             | 416                                   |
| Туре                               | MHz Crystal                           |
| Frequency                          | 48MHz                                 |
| Frequency Stability                | ±30ppm                                |
| Frequency Tolerance                | ±10ppm                                |
| Load Capacitance                   | 10pF                                  |
| ESR (Equivalent Series Resistance) | 100 Ohm                               |
| Operating Mode                     | Fundamental                           |
| Operating Temperature              | -40°C ~ 85°C                          |
| Ratings                            | -                                     |
| Mounting Type                      | Surface Mount                         |
| Package / Case                     | 4-SMD, No Lead                        |
| Size / Dimension                   | 0.063" L x 0.047" W (1.60mm x 1.20mm) |
| Height - Seated (Max)              | 0.018" (0.45mm)                       |
|                                    | Report errors?                        |

#### 416F48013IAT 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.

## 416F48013IAT Payment Methods



















### 416F48013IAT Shipping Methods













If you have any question about 416F48013IAT, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com