

**416F52011ATR Information**


For Reference Only

**Part Number** [416F52011ATR](#)  
**Manufacturer** CTS-Frequency Controls  
**Category** Crystals, Oscillators, Resonators  
[Crystals](#)  
**Description** CRYSTAL 52.000 MHZ 6PF 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](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.


**416F52011ATR Specifications**

|                                    |   |
|------------------------------------|---|
| Manufacturer Part Number           | <a href="#">416F52011ATR</a>                                  |
| Manufacturer                       | CTS-Frequency Controls  |
| Category                           | Crystals, Oscillators, Resonators<br><a href="#">Crystals</a> |
| Package                            | 4-SMD, No Lead  |
| Series                             | 416   |
| Type                               | MHz Crystal   |
| Frequency                          | 52MHz   |
| Frequency Stability                | ±10ppm  |
| Frequency Tolerance                | ±10ppm  |
| Load Capacitance                   | 6pF   |
| ESR (Equivalent Series Resistance) | 100 Ohm   |
| Operating Mode                     | Fundamental   |
| Operating Temperature              | -10°C ~ 60°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?](#)

## 416F52011ATR 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.

## 416F52011ATR Payment Methods



## 416F52011ATR Shipping Methods



If you have any question about 416F52011ATR, please do not hesitate to contact us!

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

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