

**402F48012IAR Information**


For Reference Only

**Part Number** [402F48012IAR](#)  
**Manufacturer** CTS-Frequency Controls  
**Category** Crystals, Oscillators, Resonators  
[Crystals](#)  
**Description** CRYSTAL 48.0000MHZ 10PF SMD  
**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.


**402F48012IAR Specifications**

Manufacturer Part Number	<a href="#">402F48012IAR</a>
Manufacturer	CTS-Frequency Controls
Category	Crystals, Oscillators, Resonators <a href="#">Crystals</a>
Package	4-SMD, No Lead
Series	402
Type	MHz Crystal
Frequency	48MHz
Frequency Stability	±20ppm
Frequency Tolerance	±10ppm
Load Capacitance	10pF
ESR (Equivalent Series Resistance)	60 Ohm
Operating Mode	Fundamental
Operating Temperature	-40°C ~ 85°C
Ratings	-
Mounting Type	Surface Mount
Package / Case	4-SMD, No Lead
Size / Dimension	0.079" L x 0.063" W (2.00mm x 1.60mm)
Height - Seated (Max)	0.022" (0.55mm)

[Report errors?](#)

## 402F48012IAR 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.

## 402F48012IAR Payment Methods



## 402F48012IAR Shipping Methods



If you have any question about 402F48012IAR, please do not hesitate to contact us!

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

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