

**MP480A-E Information**


For Reference Only

**Part Number** [MP480A-E](#)  
**Manufacturer** CTS-Frequency Controls  
**Category** Crystals, Oscillators, Resonators  
[Crystals](#)  
**Description** CRYSTAL 48.0000MHZ 20PF T/H  
**Package** HC49/U  
 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.


**MP480A-E Specifications**

Manufacturer Part Number	<a href="#">MP480A-E</a>
Manufacturer	CTS-Frequency Controls
Category	Crystals, Oscillators, Resonators <a href="#">Crystals</a>
Package	HC49/U
Series	MP
Type	MHz Crystal
Frequency	48MHz
Frequency Stability	±50ppm
Frequency Tolerance	±30ppm
Load Capacitance	20pF
ESR (Equivalent Series Resistance)	55 Ohm
Operating Mode	3rd Overtone
Operating Temperature	-40°C ~ 85°C
Ratings	-
Mounting Type	Through Hole
Package / Case	HC49/U
Size / Dimension	0.427" L x 0.150" W (10.85mm x 3.80mm)
Height - Seated (Max)	0.530" (13.46mm)

[Report errors?](#)

## MP480A-E 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.

## MP480A-E Payment Methods



## MP480A-E Shipping Methods



If you have any question about MP480A-E, please do not hesitate to contact us!

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

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