

416F48022ILR Information


For Reference Only

Part Number [416F48022ILR](#)
Manufacturer CTS-Frequency Controls
Category Crystals, Oscillators, Resonators
Description CRYSTAL 48.000 MHZ 12PF 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.


416F48022ILR Specifications

Manufacturer Part Number	416F48022ILR
Manufacturer	CTS-Frequency Controls
Category	Crystals, Oscillators, Resonators
	Crystals
Package	4-SMD, No Lead
Series	416
Type	MHz Crystal
Frequency	48MHz
Frequency Stability	±20ppm
Frequency Tolerance	±20ppm
Load Capacitance	12pF
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?](#)

416F48022ILR 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.

416F48022ILR Payment Methods



416F48022ILR Shipping Methods



If you have any question about 416F48022ILR, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com