



### 416F50013ALT Information

www.medicale.me

For Reference Only

Part Number 416F50013ALT

Manufacturer CTS-Frequency Controls

Category Crystals, Oscillators, Resonators

Crystals

**Description** CRYSTAL 50.000 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.









# 416F50013ALT Specifications

Manufacturer Part Number         416F50013ALT           Manufacturer         CTS-Frequency Controls           Category         Crystals, Oscillators, Resonators           Crystals         Crystals           Package         4-SMD, No Lead           Series         416           Type         MHz Crystal           Frequency         50MHz           Frequency Stability         ±30ppm           Frequency Tolerance         ±10ppm           Load Capacitance         12pF           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)		
Category  Crystals, Oscillators, Resonators  Crystals  Package  4-SMD, No Lead  Series  416  Type  MHz Crystal  Frequency  50MHz  Frequency Stability  Frequency Stability  Frequency Tolerance  Load Capacitance  12pF  ESR (Equivalent Series Resistance)  Operating Mode  Operating Temperature  Ratings  Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead	Manufacturer Part Number	416F50013ALT
Crystals  Package 4-SMD, No Lead  Series 416  Type MHz Crystal  Frequency 50MHz  Frequency Stability ±30ppm  Frequency Tolerance ±10ppm  Load Capacitance 12pF  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	Manufacturer	CTS-Frequency Controls
Package 4-SMD, No Lead  Series 416  Type MHz Crystal  Frequency 50MHz  Frequency Stability ±30ppm  Frequency Tolerance ±10ppm  Load Capacitance 12pF  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	Category	Crystals, Oscillators, Resonators
Series 416 Type MHz Crystal Frequency 50MHz Frequency Stability ±30ppm Frequency Tolerance ±10ppm Load Capacitance 12pF 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		Crystals
Type MHz Crystal Frequency 50MHz Frequency Stability ±30ppm Frequency Tolerance ±10ppm  Load Capacitance 12pF  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	Package	4-SMD, No Lead
Frequency Stability $\pm 30 \mathrm{ppm}$ Frequency Tolerance $\pm 10 \mathrm{ppm}$ Load Capacitance $12 \mathrm{pF}$ ESR (Equivalent Series Resistance) $100 \mathrm{Ohm}$ Operating Mode Fundamental  Operating Temperature $-10^{\circ}\mathrm{C} \sim 60^{\circ}\mathrm{C}$ Ratings $-$ Mounting Type Surface Mount  Package / Case $4-\mathrm{SMD}$ , No Lead	Series	416
Frequency Stability $\pm 30 \mathrm{ppm}$ Frequency Tolerance $\pm 10 \mathrm{ppm}$ Load Capacitance $12 \mathrm{pF}$ ESR (Equivalent Series Resistance) $100 \mathrm{Ohm}$ Operating Mode Fundamental  Operating Temperature $-10^{\circ}\mathrm{C} \sim 60^{\circ}\mathrm{C}$ Ratings -  Mounting Type Surface Mount  Package / Case $4-\mathrm{SMD}$ , No Lead	Туре	MHz Crystal
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Frequency	50MHz
Load Capacitance 12pF  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	Frequency Stability	±30ppm
ESR (Equivalent Series Resistance)  Operating Mode  Fundamental  Operating Temperature  -10°C ~ 60°C  Ratings  -  Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead	Frequency Tolerance	$\pm 10$ ppm
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Load Capacitance	12pF
$ \begin{array}{cccc} \text{Operating Temperature} & & -10^{\circ}\text{C} \sim 60^{\circ}\text{C} \\ \text{Ratings} & & - \\ \text{Mounting Type} & & \text{Surface Mount} \\ \text{Package / Case} & & 4\text{-SMD, No Lead} \\ \end{array} $	ESR (Equivalent Series Resistance)	100 Ohm
Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Operating Mode	Fundamental
Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Operating Temperature	-10°C ~ 60°C
Package / Case 4-SMD, No Lead	Ratings	-
-	Mounting Type	Surface Mount
Size / Dimension 0.063" L x 0.047" W (1.60mm x 1.20mm)	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)	Height - Seated (Max)	0.018" (0.45mm)
Report errors?		Report errors?

### 416F50013ALT 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.

## 416F50013ALT Payment Methods



















### 416F50013ALT Shipping Methods













If you have any question about 416F50013ALT, please do not hesitate to contact us!

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