



### 416F500XXAKT Information



For Reference Only

Part Number 416F500XXAKT

Manufacturer CTS-Frequency Controls

Category Crystals, Oscillators, Resonators

Crystals

**Description** CRYSTAL 50.000 MHZ 8PF 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



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# **Certified Quality**

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# 416F500XXAKT Specifications

Manufacturer Part Number         416F500XXAKT           Manufacturer         CTS-Frequency Controls           Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         416           Type         MHz Crystal           Frequency         50MHz           Frequency Stability         ±15ppm           Frequency Tolerance         ±15ppm           Load Capacitance         8pF           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)	•	
Category Crystals, Oscillators, Resonators Crystals  Package 4-SMD, No Lead  Series 416  Type MHz Crystal  Frequency 50MHz  Frequency Stability ±15ppm  Frequency Tolerance ±15ppm  Load Capacitance 8pF  ESR (Equivalent Series Resistance) 100 Ohm  Operating Mode Operating Temperature -10°C ~ 60°C  Ratings  Mounting Type Surface Mount Package / Case 4-SMD, No Lead  Size / Dimension 0.018" (0.45mm)  Crystals, Oscillators, Resonators Crystals  4-SMD, No Lead  Size / Oimension 0.018" (0.45mm)	Manufacturer Part Number	416F500XXAKT
Package         4-SMD, No Lead           Series         416           Type         MHz Crystal           Frequency         50MHz           Frequency Stability         ±15ppm           Frequency Tolerance         ±15ppm           Load Capacitance         8pF           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)	Manufacturer	CTS-Frequency Controls
Package 4-SMD, No Lead  Series 416  Type MHz Crystal  Frequency 50MHz  Frequency Stability ±15ppm  Frequency Tolerance ±15ppm  Load Capacitance 8pF  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)	Category	Crystals, Oscillators, Resonators
Series 416  Type MHz Crystal  Frequency 50MHz  Frequency Stability ±15ppm  Frequency Tolerance ±15ppm  Load Capacitance 8pF  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)		Crystals
Type MHz Crystal  Frequency 50MHz  Frequency Stability ±15ppm  Frequency Tolerance ±15ppm  Load Capacitance 8pF  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)	Package	4-SMD, No Lead
Frequency Stability ±15ppm  Frequency Tolerance ±15ppm  Load Capacitance 8pF  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)	Series	416
Frequency Stability  Frequency Tolerance  Load Capacitance  8pF  ESR (Equivalent Series Resistance)  Operating Mode  Operating Temperature  Fundamental  Operating Temperature  -10°C ~ 60°C  Ratings  - Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  Height - Seated (Max)  \$\frac{10^{\text{C}}}{2000} \text{ \$\text{Mount}}{\text{V}} \text{ \$\text{(0.45mm)}}{\text{mm}}\$	Туре	MHz Crystal
Frequency Tolerance ±15ppm  Load Capacitance 8pF  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)	Frequency	50MHz
Load Capacitance8pFESR (Equivalent Series Resistance) $100 \text{ Ohm}$ Operating ModeFundamentalOperating Temperature $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ Ratings-Mounting TypeSurface MountPackage / Case $4\text{-SMD}$ , No LeadSize / Dimension $0.063^{\circ}\text{L} \times 0.047^{\circ}\text{W} (1.60 \text{mm} \times 1.20 \text{mm})$ Height - Seated (Max) $0.018^{\circ}$ (0.45 mm)	Frequency Stability	±15ppm
ESR (Equivalent Series Resistance) 100 Ohm  Operating Mode Fundamental  Operating Temperature $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ Ratings $-$ Mounting Type Surface Mount  Package / Case $4\text{-SMD}$ , No Lead  Size / Dimension $0.063^{\circ}\text{L x } 0.047^{\circ}\text{W } (1.60\text{mm x } 1.20\text{mm})$ Height - Seated (Max) $0.018^{\circ}\text{(0.45\text{mm})}$	Frequency Tolerance	±15ppm
$\begin{array}{lll} \mbox{Operating Mode} & \mbox{Fundamental} \\ \mbox{Operating Temperature} & -10^{\circ}\mbox{C} \sim 60^{\circ}\mbox{C} \\ \mbox{Ratings} & - \\ \mbox{Mounting Type} & \mbox{Surface Mount} \\ \mbox{Package / Case} & \mbox{4-SMD, No Lead} \\ \mbox{Size / Dimension} & \mbox{0.063" L x 0.047" W (1.60mm x 1.20mm)} \\ \mbox{Height - Seated (Max)} & \mbox{0.018" (0.45mm)} \end{array}$	Load Capacitance	8pF
Operating Temperature $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ Ratings $-$ Mounting Type Surface Mount  Package / Case $4\text{-SMD}$ , No Lead  Size / Dimension $0.063^{\circ}\text{L} \times 0.047^{\circ}\text{W} (1.60\text{mm} \times 1.20\text{mm})$ Height - Seated (Max) $0.018^{\circ}\text{(0.45\text{mm})}$	ESR (Equivalent Series Resistance)	100 Ohm
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)	Operating Mode	Fundamental
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)	Operating Temperature	-10°C ~ 60°C
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)	Ratings	-
Size / Dimension       0.063" L x 0.047" W (1.60mm x 1.20mm)         Height - Seated (Max)       0.018" (0.45mm)	Mounting Type	Surface Mount
Height - Seated (Max) 0.018" (0.45mm)	Package / Case	4-SMD, No Lead
	Size / Dimension	0.063" L x 0.047" W (1.60mm x 1.20mm)
Report errors?	Height - Seated (Max)	0.018" (0.45mm)
		Report errors?

#### 416F500XXAKT 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.

### 416F500XXAKT Payment Methods



















## 416F500XXAKT Shipping Methods













If you have any question about 416F500XXAKT, please do not hesitate to contact us!

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