



416F50012ATR Information

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For Reference Only

Part Number 416F50012ATR

Manufacturer CTS-Frequency Controls

Category Crystals, Oscillators, Resonators

Crystals

Description CRYSTAL 50.000 MHZ 6PF 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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416F50012ATR Specifications

Manufacturer Part Number 416F50012ATR Manufacturer CTS-Frequency Controls Category Crystals, Oscillators, Resonators Crystals 4-SMD, No Lead Series 416 Type MHz Crystal Frequency 50MHz Frequency Stability ±20ppm Frequency Tolerance ±10ppm Load Capacitance 6pF 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 ±20ppm Frequency Tolerance ±10ppm Load Capacitance 6pF 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 Part Number	416F50012ATR
Crystals Package 4-SMD, No Lead Series 416 Type MHz Crystal Frequency 50MHz Frequency Stability ±20ppm Frequency Tolerance ±10ppm Load Capacitance 6pF 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 ±20ppm Frequency Tolerance ±10ppm Load Capacitance 6pF 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 ±20ppm Frequency Tolerance ±10ppm Load Capacitance 6pF 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 ±20ppm Frequency Tolerance ±10ppm Load Capacitance 6pF 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 ±20ppm Frequency Tolerance ±10ppm Load Capacitance 6pF 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 ±20ppm Frequency Tolerance ±10ppm Load Capacitance 6pF 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)	Type	MHz Crystal
Frequency Tolerance ±10ppm Load Capacitance 6pF 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 Capacitance 6pF 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 Stability	±20ppm
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-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 Tolerance	±10ppm
$\begin{array}{lll} \text{Operating Mode} & \text{Fundamental} \\ \text{Operating Temperature} & -10^{\circ}\text{C} \sim 60^{\circ}\text{C} \\ \text{Ratings} & - \\ \text{Mounting Type} & \text{Surface Mount} \\ \text{Package / Case} & 4-\text{SMD, No Lead} \\ \text{Size / Dimension} & 0.063" \text{ L x } 0.047" \text{ W } (1.60\text{mm x } 1.20\text{mm}) \\ \text{Height - Seated (Max)} & 0.018" (0.45\text{mm}) \end{array}$	Load Capacitance	6pF
Operating Temperature $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ Ratings $-$ Mounting Type Surface Mount Package / Case 4-SMD , No Lead Size / Dimension $0.063\text{"L} \times 0.047\text{"W} (1.60\text{mm} \times 1.20\text{mm})$ Height - Seated (Max) $0.018\text{"} (0.45\text{mm})$	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)
	Height - Seated (Max)	0.018" (0.45mm)
Report errors?		Report errors?

416F50012ATR 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.

416F50012ATR Payment Methods



















416F50012ATR Shipping Methods













If you have any question about 416F50012ATR, please do not hesitate to contact us!

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