



416F480XXCAR Information



For Reference Only

Part Number 416F480XXCAR

Manufacturer CTS-Frequency Controls

Category Crystals, Oscillators, Resonators

Crystals

Description CRYSTAL 48.000 MHZ 10PF 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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416F480XXCAR Specifications

Manufacturer Part Number 416F480XXCAR Manufacturer CTS-Frequency Controls Category Crystals, Oscillators, Resonators Package 4-SMD, No Lead Series 416 Type MHz Crystal Frequency 48MHz Frequency Stability ±15ppm Frequency Tolerance ±15ppm Load Capacitance 10pF ESR (Equivalent Series Resistance) 100 Ohm Operating Mode Fundamental Operating Temperature -20°C ~ 70°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, Oscillators, Resonators Crystals Package	Manufacturer Part Number	416F480XXCAR
Package 4-SMD, No Lead Series 416 Type MHz Crystal Frequency 48MHz Frequency Stability ±15ppm Frequency Tolerance ±15ppm Load Capacitance 10pF ESR (Equivalent Series Resistance) 100 Ohm Operating Mode Fundamental Operating Temperature -20°C ~ 70°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 48MHz Frequency Stability ±15ppm Frequency Tolerance ±15ppm Load Capacitance 10pF ESR (Equivalent Series Resistance) 100 Ohm Operating Mode Fundamental Operating Temperature -20°C ~ 70°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 48MHz Frequency Stability ±15ppm Frequency Tolerance ±15ppm Load Capacitance 10pF ESR (Equivalent Series Resistance) 100 Ohm Operating Mode Fundamental Operating Temperature -20°C ~70°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 48MHz Frequency Stability ±15ppm Frequency Tolerance ±15ppm Load Capacitance 10pF ESR (Equivalent Series Resistance) 100 Ohm Operating Mode Fundamental Operating Temperature -20°C ~ 70°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 10pF ESR (Equivalent Series Resistance) 100 Ohm Operating Mode Fundamental Operating Temperature -20°C ~ 70°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 10pF ESR (Equivalent Series Resistance) Operating Mode Operating Temperature Package / Case Size / Dimension Height - Seated (Max) Frequency Stability ±15ppm ±15ppm 10pF 100 Ohm Fundamental -20°C ~ 70°C Surface Mount -20°C ~ 70°C -20°C ~ 70°C Surface Mount -20°C ~ 70°C -20°C ~ 70°C	Туре	MHz Crystal
Frequency Tolerance ±15ppm Load Capacitance 10pF ESR (Equivalent Series Resistance) 100 Ohm Operating Mode Fundamental Operating Temperature -20°C ~ 70°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	48MHz
Load Capacitance $10pF$ ESR (Equivalent Series Resistance) 100 Ohm Operating ModeFundamentalOperating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Ratings-Mounting TypeSurface MountPackage / Case $4-\text{SMD}$, No LeadSize / Dimension $0.063'' \text{L x } 0.047'' \text{W } (1.60 \text{mm x } 1.20 \text{mm})$ Height - Seated (Max) $0.018'' (0.45 \text{mm})$	Frequency Stability	±15ppm
ESR (Equivalent Series Resistance) 100 Ohm Operating Mode Fundamental Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Ratings $-$ Mounting Type Surface Mount Package / Case 4-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) $0.018^{\circ}\text{W} (0.45\text{mm})$	Frequency Tolerance	±15ppm
Operating Mode Fundamental Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Ratings	Load Capacitance	10pF
Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Ratings $-$ Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension $0.063'' \text{ L x } 0.047'' \text{ W } (1.60\text{mm x } 1.20\text{mm})$ Height - Seated (Max) $0.018'' (0.45\text{mm})$	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	-20°C ~ 70°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?

416F480XXCAR 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.

416F480XXCAR Payment Methods



















416F480XXCAR Shipping Methods













If you have any question about 416F480XXCAR, please do not hesitate to contact us!

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