



416F520X3CKR Information



For Reference Only

Part Number 416F520X3CKR

Manufacturer CTS-Frequency Controls

Category Crystals, Oscillators, Resonators

Crystals

Description CRYSTAL 52.000 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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416F520X3CKR Specifications

| Manufacturer Part Number 416F520X3CKR Manufacturer CTS-Frequency Controls Category Crystals, Oscillators, Resonators Package 4-SMD, No Lead Series 416 Type MHz Crystal Frequency 52MHz Frequency Stability ±30ppm Frequency Tolerance ±15ppm Load Capacitance 8pF 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 Crystals Package 4-SMD, No Lead Series 416 Type MHz Crystal Frequency 52MHz Frequency Stability ±30ppm Frequency Tolerance ±15ppm Load Capacitance 8pF ESR (Equivalent Series Resistance) 100 Ohm Operating Mode Operating Temperature -20°C ~ 70°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 | 416F520X3CKR |
| Package 4-SMD, No Lead Series 416 Type MHz Crystal Frequency 52MHz Frequency Stability ±30ppm Frequency Tolerance ±15ppm Load Capacitance 8pF 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 52MHz Frequency Stability ±30ppm Frequency Tolerance ±15ppm Load Capacitance 8pF 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 52MHz Frequency Stability ±30ppm Frequency Tolerance ±15ppm Load Capacitance 8pF 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 52MHz Frequency Stability ±30ppm Frequency Tolerance ±15ppm Load Capacitance 8pF 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 ±30ppm Frequency Tolerance ±15ppm Load Capacitance 8pF 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 8pF ESR (Equivalent Series Resistance) Operating Mode Operating Temperature Fundamental Operating Temperature -20°C ~ 70°C Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension Height - Seated (Max) \$\frac{1}{20}\text{Pimension} \text{Pinchem (0.45mm)} \$\frac{1}{20}\text{Pimension} \text{Pinchem (0.45mm)} | Туре | MHz Crystal |
| Frequency Tolerance ±15ppm Load Capacitance 8pF 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 | 52MHz |
| Load Capacitance8pFESR (Equivalent Series Resistance) 100 Ohm Operating ModeFundamentalOperating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Ratings-Mounting TypeSurface MountPackage / Case 4-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° (0.45 mm) | Frequency Stability | ±30ppm |
| 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" L x 0.047" W (1.60mm x 1.20mm) Height - Seated (Max) 0.018" (0.45mm) | Frequency Tolerance | ±15ppm |
| $\begin{array}{llllllllllllllllllllllllllllllllllll$ | Load Capacitance | 8pF |
| 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) $0.018^{\circ} (0.45\text{mm})$ | 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? |

416F520X3CKR 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.

416F520X3CKR Payment Methods



















416F520X3CKR Shipping Methods













If you have any question about 416F520X3CKR, please do not hesitate to contact us!

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