



### 416F52035IST Information



For Reference Only

Part Number 416F52035IST

Manufacturer CTS-Frequency Controls

Category Crystals, Oscillators, Resonators

Crystals

**Description** CRYSTAL 52.000 MHZ SERIES 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.









## 416F52035IST Specifications

Manufacturer Part Number  Manufacturer  CTS-Frequency Controls  Category  Crystals, Oscillators, Resonators  Crystals  Package  4-SMD, No Lead  Series  416  Type  MHz Crystal  Frequency  52MHz  Frequency Stability  ±50ppm  Frequency Tolerance  ±30ppm  Load Capacitance  ESR (Equivalent Series Resistance)  100 Ohm  Operating Mode  Operating Temperature  4-40°C ~ 85°C  Ratings  Mounting Type  Surface Mount  Package / Case  5-10 One (Carl Let 0.047" Well 60 page vel 2 (2000))	•	
Category Crystals, Oscillators, Resonators Crystals  Package 4-SMD, No Lead  Series 416  Type MHz Crystal  Frequency 52MHz  Frequency Stability +50ppm Frequency Tolerance ±30ppm  Load Capacitance Series  ESR (Equivalent Series Resistance) 100 Ohm  Operating Mode Fundamental Operating Temperature -40°C ~ 85°C  Ratings Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Manufacturer Part Number	416F52035IST
Crystals  Package 4-SMD, No Lead  Series 416  Type MHz Crystal  Frequency 52MHz  Frequency Stability ±50ppm  Frequency Tolerance ±30ppm  Load Capacitance Series  ESR (Equivalent Series Resistance) 100 Ohm  Operating Mode Fundamental  Operating Temperature -40°C ~ 85°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 52MHz  Frequency Stability ±50ppm  Frequency Tolerance ±30ppm  Load Capacitance Series  ESR (Equivalent Series Resistance) 100 Ohm  Operating Mode Fundamental  Operating Temperature -40°C ~ 85°C  Ratings -  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead	Category	Crystals, Oscillators, Resonators
Series 416 Type MHz Crystal Frequency 52MHz Frequency Stability ±50ppm Frequency Tolerance ±30ppm Load Capacitance Series ESR (Equivalent Series Resistance) 100 Ohm Operating Mode Fundamental Operating Temperature -40°C ~ 85°C Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead		Crystals
Type MHz Crystal Frequency 52MHz Frequency Stability ±50ppm Frequency Tolerance ±30ppm  Load Capacitance Series  ESR (Equivalent Series Resistance) 100 Ohm  Operating Mode Fundamental Operating Temperature -40°C ~ 85°C  Ratings -  Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Package	4-SMD, No Lead
Frequency Stability ±50ppm  Frequency Tolerance ±30ppm  Load Capacitance Series  ESR (Equivalent Series Resistance) 100 Ohm  Operating Mode Fundamental  Operating Temperature -40°C ~ 85°C  Ratings -  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead	Series	416
Frequency Stability $\pm 50$ ppm  Frequency Tolerance $\pm 30$ ppm  Load Capacitance Series  ESR (Equivalent Series Resistance) 100 Ohm  Operating Mode Fundamental  Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Ratings -  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead	Туре	MHz Crystal
Frequency Tolerance ±30ppm  Load Capacitance Series  ESR (Equivalent Series Resistance) 100 Ohm  Operating Mode Fundamental  Operating Temperature -40°C ~ 85°C  Ratings -  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead	Frequency	52MHz
Load CapacitanceSeriesESR (Equivalent Series Resistance)100 OhmOperating ModeFundamentalOperating Temperature-40°C ~ 85°CRatings-Mounting TypeSurface MountPackage / Case4-SMD, No Lead	Frequency Stability	±50ppm
ESR (Equivalent Series Resistance)  Operating Mode  Operating Temperature  -40°C ~ 85°C  Ratings  - Mounting Type  Surface Mount  Package / Case  100 Ohm  Fundamental  -40°C ~ 85°C  Surface Mount  4-SMD, No Lead	Frequency Tolerance	±30ppm
Operating Mode  Operating Temperature  -40°C ~ 85°C  Ratings  -  Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead	Load Capacitance	Series
Operating Temperature -40°C ~ 85°C  Ratings -  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead	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	-40°C ~ 85°C
Package / Case 4-SMD, No Lead	Ratings	-
•	Mounting Type	Surface Mount
Size / Dimension 0.062" I. v. 0.047" W. (1.60mm v. 1.20mm)	Package / Case	4-SMD, No Lead
Size / Difficultion 0.003 L x 0.047 W (1.00iiiii x 1.20iiiii)	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?

#### 416F52035IST 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.

# 416F52035IST Payment Methods



















### 416F52035IST Shipping Methods













If you have any question about 416F52035IST, please do not hesitate to contact us!

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