



### 416F25025IST Information



For Reference Only

Part Number 416F25025IST

Manufacturer CTS-Frequency Controls

Category Crystals, Oscillators, Resonators

Crystals

**Description** CRYSTAL 25.000 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



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## **Certified Quality**

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## 416F25025IST Specifications

Manufacturer Part Number         416F25025IST           Manufacturer         CTS-Frequency Controls           Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         416           Type         MHz Crystal           Frequency         25MHz           Frequency Stability         ±50ppm           Frequency Tolerance         ±20ppm           Load Capacitance         Series           ESR (Equivalent Series Resistance)         200 Ohm           Operating Mode         Fundamental           Operating Temperature         -40°C ~ 85°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 Crystals  Package 4-SMD, No Lead Series 416 Type MHz Crystal Frequency 25MHz Frequency Stability ±50ppm Frequency Tolerance ±20ppm Load Capacitance Series ESR (Equivalent Series Resistance) Operating Mode Operating Temperature Factings  Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension Height - Seated (Max)  Crystals Crystals Crystals A-SMD, No Lead Capacitance Series Series Series Series Series Series Surface Mount Fundamental Operating Temperature A-0°C ~ 85°C A-SMD, No Lead Size / Dimension O.063" L x 0.047" W (1.60mm x 1.20mm)	Manufacturer Part Number	416F25025IST
Package         4-SMD, No Lead           Series         416           Type         MHz Crystal           Frequency         25MHz           Frequency Stability         ±50ppm           Frequency Tolerance         ±20ppm           Load Capacitance         Series           ESR (Equivalent Series Resistance)         200 Ohm           Operating Mode         Fundamental           Operating Temperature         -40°C ~ 85°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 25MHz  Frequency Stability ±50ppm  Frequency Tolerance ±20ppm  Load Capacitance Series  ESR (Equivalent Series Resistance) 200 Ohm  Operating Mode Fundamental  Operating Temperature -40°C ~ 85°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 25MHz Frequency Stability ±50ppm Frequency Tolerance ±20ppm Load Capacitance Series ESR (Equivalent Series Resistance) 200 Ohm Operating Mode Fundamental Operating Temperature -40°C ~ 85°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 25MHz  Frequency Stability ±50ppm  Frequency Tolerance ±20ppm  Load Capacitance Series  ESR (Equivalent Series Resistance) 200 Ohm  Operating Mode Fundamental  Operating Temperature -40°C ~ 85°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 ±50ppm  Frequency Tolerance ±20ppm  Load Capacitance Series  ESR (Equivalent Series Resistance) 200 Ohm  Operating Mode Fundamental Operating Temperature -40°C ~ 85°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 ±50ppm  Frequency Tolerance ±20ppm  Load Capacitance Series  ESR (Equivalent Series Resistance) 200 Ohm  Operating Mode Fundamental  Operating Temperature -40°C ~ 85°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)	Туре	MHz Crystal
Frequency Tolerance ±20ppm  Load Capacitance Series  ESR (Equivalent Series Resistance) 200 Ohm  Operating Mode Fundamental  Operating Temperature -40°C ~ 85°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	25MHz
Load CapacitanceSeriesESR (Equivalent Series Resistance) $200 \text{ Ohm}$ Operating ModeFundamentalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ 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	±50ppm
ESR (Equivalent Series Resistance)  Operating Mode  Fundamental  Operating Temperature  -40°C ~ 85°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	±20ppm
Operating ModeFundamentalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ 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) $0.018^{\circ}$ (0.45mm)	Load Capacitance	Series
Operating Temperature       -40°C ~ 85°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)	ESR (Equivalent Series Resistance)	200 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	-40°C ~ 85°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?

#### 416F25025IST 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.

# 416F25025IST Payment Methods



















## 416F25025IST Shipping Methods













If you have any question about 416F25025IST, please do not hesitate to contact us!

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