



402F20012IJR Information

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For Reference Only

Part Number 402F20012IJR

Manufacturer CTS-Frequency Controls

Category Crystals, Oscillators, Resonators

Crystals

Description CRYSTAL 20.0000MHZ 9PF SMD

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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402F20012IJR Specifications

Manufacturer Part Number 402F20012IJR Manufacturer CTS-Frequency Controls Category Crystals, Oscillators, Resonators Package 4-SMD, No Lead Series 402 Type MHz Crystal Frequency 20MHz Frequency Stability ±20ppm Frequency Tolerance ±10ppm Load Capacitance 9pF 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 Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height - Seated (Max) D.022" (0.55mm)	•	
Crystals, Oscillators, Resonators Crystals Package 4-SMD, No Lead Series 402 Type MHz Crystal Frequency 20MHz Frequency Stability ±20ppm Frequency Tolerance ±10ppm Load Capacitance 9pF 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 Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height - Seated (Max) 0.022" (0.55mm)	Manufacturer Part Number	402F20012IJR
Package 4-SMD, No Lead Series 402 Type MHz Crystal Frequency 20MHz Frequency Stability ±20ppm Frequency Tolerance ±10ppm Load Capacitance 9pF 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 Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height - Seated (Max) 0.022" (0.55mm)	Manufacturer	CTS-Frequency Controls
Package 4-SMD, No Lead Series 402 Type MHz Crystal Frequency 20MHz Frequency Stability ±20ppm Frequency Tolerance ±10ppm Load Capacitance 9pF 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 Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height - Seated (Max) 0.022" (0.55mm)	Category	Crystals, Oscillators, Resonators
Series 402 Type MHz Crystal Frequency 20MHz Frequency Stability ±20ppm Frequency Tolerance ±10ppm Load Capacitance 9pF 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 Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height - Seated (Max) 0.022" (0.55mm)		Crystals
Type MHz Crystal Frequency 20MHz Frequency Stability ±20ppm Frequency Tolerance ±10ppm Load Capacitance 9pF 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 Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height - Seated (Max) 0.022" (0.55mm)	Package	4-SMD, No Lead
Frequency Stability ±20ppm Frequency Tolerance ±10ppm Load Capacitance 9pF 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 Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height - Seated (Max) 0.022" (0.55mm)	Series	402
Frequency Stability ±20ppm Frequency Tolerance ±10ppm Load Capacitance 9pF 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 Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height - Seated (Max) 0.022" (0.55mm)	Туре	MHz Crystal
Frequency Tolerance ±10ppm Load Capacitance 9pF 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 Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height - Seated (Max) 0.022" (0.55mm)	Frequency	20MHz
Load Capacitance 9pF 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 Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height - Seated (Max) 0.022" (0.55mm)	Frequency Stability	±20ppm
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 0.079" L x 0.063" W (2.00mm x 1.60mm) Height - Seated (Max) 0.022" (0.55mm)	Frequency Tolerance	± 10 ppm
Operating ModeFundamentalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Ratings-Mounting TypeSurface MountPackage / Case 4-SMD , No LeadSize / Dimension $0.079^{\circ}\text{L} \times 0.063^{\circ}\text{W} (2.00\text{mm} \times 1.60\text{mm})$ Height - Seated (Max) 0.022° (0.55mm)	Load Capacitance	9pF
Operating Temperature -40°C ~ 85°C Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height - Seated (Max) 0.022" (0.55mm)	ESR (Equivalent Series Resistance)	100 Ohm
Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height - Seated (Max) 0.022" (0.55mm)	Operating Mode	Fundamental
Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height - Seated (Max) 0.022" (0.55mm)	Operating Temperature	-40°C ~ 85°C
Package / Case 4-SMD, No Lead Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height - Seated (Max) 0.022" (0.55mm)	Ratings	-
Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height - Seated (Max) 0.022" (0.55mm)	Mounting Type	Surface Mount
Height - Seated (Max) 0.022" (0.55mm)	Package / Case	4-SMD, No Lead
	Size / Dimension	0.079" L x 0.063" W (2.00mm x 1.60mm)
Donort among 9	Height - Seated (Max)	0.022" (0.55mm)
Report errors?		Report errors?

402F20012IJR 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.

402F20012IJR Payment Methods



















402F20012IJR Shipping Methods













If you have any question about 402F20012IJR, please do not hesitate to contact us!

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