

445A31E12M00000 Information


For Reference Only

Part Number [445A31E12M00000](#)
Manufacturer CTS-Frequency Controls
Category Crystals, Oscillators, Resonators
[Crystals](#)
Description CRYSTAL 12.0000MHZ 20PF SMD
Package 2-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.


445A31E12M00000 Specifications

Manufacturer Part Number	445A31E12M00000
Manufacturer	CTS-Frequency Controls
Category	Crystals, Oscillators, Resonators Crystals
Package	2-SMD, No Lead
Series	445
Type	MHz Crystal
Frequency	12MHz
Frequency Stability	±10ppm
Frequency Tolerance	±30ppm
Load Capacitance	20pF
ESR (Equivalent Series Resistance)	50 Ohm
Operating Mode	Fundamental
Operating Temperature	-10°C ~ 60°C
Ratings	-
Mounting Type	Surface Mount
Package / Case	2-SMD, No Lead
Size / Dimension	0.197" L x 0.126" W (5.00mm x 3.20mm)
Height - Seated (Max)	0.053" (1.35mm)

[Report errors?](#)

445A31E12M00000 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.

445A31E12M00000 Payment Methods



445A31E12M00000 Shipping Methods



If you have any question about 445A31E12M00000, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com