

445C33J12M00000 Information


For Reference Only

Part Number [445C33J12M00000](#)
Manufacturer CTS-Frequency Controls
Category Crystals, Oscillators, Resonators
[Crystals](#)
Description CRYSTAL 12.0000MHZ 9PF 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.


445C33J12M00000 Specifications

| | |
|------------------------------------|---|
| Manufacturer Part Number | 445C33J12M00000 |
| Manufacturer | CTS-Frequency Controls |
| Category | Crystals, Oscillators, Resonators Crystals |
| Package | 2-SMD, No Lead |
| Series | 445 |
| Type | MHz Crystal |
| Frequency | 12MHz |
| Frequency Stability | ±30ppm |
| Frequency Tolerance | ±30ppm |
| Load Capacitance | 9pF |
| ESR (Equivalent Series Resistance) | 50 Ohm |
| Operating Mode | Fundamental |
| Operating Temperature | -20°C ~ 70°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?](#)

445C33J12M00000 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.

445C33J12M00000 Payment Methods



445C33J12M00000 Shipping Methods



If you have any question about 445C33J12M00000, please do not hesitate to contact us!

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