

ECS-480-20-33-TR Information


For Reference Only

Part Number [ECS-480-20-33-TR](#)
Manufacturer ECS Inc.
Category Crystals, Oscillators, Resonators
[Crystals](#)
Description CRYSTAL 48.0000MHZ 20PF 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


[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.


ECS-480-20-33-TR Specifications

Manufacturer Part Number	ECS-480-20-33-TR
Manufacturer	ECS Inc.
Category	Crystals, Oscillators, Resonators Crystals
Package	4-SMD, No Lead
Series	ECX-32
Type	MHz Crystal
Frequency	48MHz
Frequency Stability	±50ppm
Frequency Tolerance	±50ppm
Load Capacitance	20pF
ESR (Equivalent Series Resistance)	40 Ohm
Operating Mode	Fundamental
Operating Temperature	-20°C ~ 70°C
Ratings	-
Mounting Type	Surface Mount
Package / Case	4-SMD, No Lead
Size / Dimension	0.126" L x 0.098" W (3.20mm x 2.50mm)
Height - Seated (Max)	0.031" (0.80mm)

[Report errors?](#)

ECS-480-20-33-TR 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.

ECS-480-20-33-TR Payment Methods



ECS-480-20-33-TR Shipping Methods



If you have any question about ECS-480-20-33-TR, please do not hesitate to contact us!

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