

**ECS-2033-480-BN Information**


For Reference Only

**Part Number** [ECS-2033-480-BN](#)  
**Manufacturer** ECS Inc.  
**Category** Crystals, Oscillators, Resonators  
[Oscillators](#)  
**Description** OSC XO 48.000MHZ HCMOS 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](mailto: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-2033-480-BN Specifications**

Manufacturer Part Number	<a href="#">ECS-2033-480-BN</a>
Manufacturer	ECS Inc.
Category	Crystals, Oscillators, Resonators <a href="#">Oscillators</a>
Package	4-SMD, No Lead
Series	ECS-2033
Type	XO (Standard)
Frequency	48MHz
Function	Enable/Disable
Output	CMOS
Voltage - Supply	3.3V
Frequency Stability	±50ppm
Operating Temperature	-40°C ~ 85°C
Current - Supply (Max)	19mA
Ratings	-
Mounting Type	Surface Mount
Package / Case	4-SMD, No Lead
Size / Dimension	0.098" L x 0.079" W (2.50mm x 2.00mm)
Height - Seated (Max)	0.035" (0.90mm)

[Report errors?](#)

## ECS-2033-480-BN 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-2033-480-BN Payment Methods



## ECS-2033-480-BN Shipping Methods



If you have any question about ECS-2033-480-BN, please do not hesitate to contact us!

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