

**ECS-221-18-18-TR Information**


For Reference Only

**Part Number** [ECS-221-18-18-TR](#)  
**Manufacturer** ECS Inc.  
**Category** Crystals, Oscillators, Resonators  
[Crystals](#)  
**Description** CRYSTAL 22.1184MHZ 18PF 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-221-18-18-TR Specifications**

Manufacturer Part Number	<a href="#">ECS-221-18-18-TR</a>
Manufacturer	ECS Inc.
Category	Crystals, Oscillators, Resonators <a href="#">Crystals</a>
Package	4-SMD, No Lead
Series	CSM-12
Type	MHz Crystal
Frequency	22.1184MHz
Frequency Stability	±100ppm
Frequency Tolerance	±30ppm
Load Capacitance	18pF
ESR (Equivalent Series Resistance)	50 Ohm
Operating Mode	Fundamental
Operating Temperature	-40°C ~ 85°C
Ratings	-
Mounting Type	Surface Mount
Package / Case	4-SMD, No Lead
Size / Dimension	0.465" L x 0.217" W (11.80mm x 5.50mm)
Height - Seated (Max)	0.098" (2.50mm)

[Report errors?](#)

## ECS-221-18-18-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-221-18-18-TR Payment Methods



## ECS-221-18-18-TR Shipping Methods



If you have any question about ECS-221-18-18-TR, please do not hesitate to contact us!

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