

TS220F33IET Information


For Reference Only

Part Number [TS220F33IET](#)
Manufacturer CTS-Frequency Controls
Category Crystals, Oscillators, Resonators
[Crystals](#)
Description CRYSTAL 22.000000 MHZ
Package HC49/US
 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.


TS220F33IET Specifications

Manufacturer Part Number	TS220F33IET
Manufacturer	CTS-Frequency Controls
Category	Crystals, Oscillators, Resonators
	Crystals
Package	HC49/US
Series	ATSSMTS
Type	MHz Crystal
Frequency	22MHz
Frequency Stability	±30ppm
Frequency Tolerance	±30ppm
Load Capacitance	20pF
ESR (Equivalent Series Resistance)	30 Ohm
Operating Mode	Fundamental
Operating Temperature	-40°C ~ 85°C
Ratings	-
Mounting Type	Surface Mount
Package / Case	HC49/US
Size / Dimension	0.437" L x 0.190" W (11.10mm x 4.83mm)
Height - Seated (Max)	0.169" (4.30mm)

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TS220F33IET 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.

TS220F33IET Payment Methods



TS220F33IET Shipping Methods



If you have any question about TS220F33IET, please do not hesitate to contact us!

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