



## **LP330F33CET Information**

Heisener.com

Part Number LP330F33CET

Manufacturer CTS-Frequency Controls

**Category** Crystals, Oscillators, Resonators

Crystals

**Description** CRYSTAL 33.000000MHZ SMD

Package HC49/US

For the pricing/inventory/lead time, please contact

us

For Reference Only 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.









# **LP330F33CET Specifications**

Manufacturer Part NumberLP330F33CETManufacturerCTS-Frequency ControlsCategoryCrystals, Oscillators, ResonatorsPackageHC49/USSeriesATSSMLPTypeMHz CrystalFrequency33MHzFrequency Stability±30ppmFrequency Tolerance±30ppmLoad Capacitance20pFESR (Equivalent Series Resistance)-Operating ModeFundamentalOperating Temperature-20°C ~ 70°CRatings-Mounting TypeSurface MountPackage / CaseHC49/USSize / Dimension0.437" L x 0.190" W (11.10mm x 4.83mm)Height - Seated (Max)0.126" (3.20mm)Report errors?	•	
Category         Crystals, Oscillators, Resonators           Package         HC49/US           Series         ATSSMLP           Type         MHz Crystal           Frequency         33MHz           Frequency Stability         ±30ppm           Frequency Tolerance         ±30ppm           Load Capacitance         20pF           ESR (Equivalent Series Resistance)         -           Operating Mode         Fundamental           Operating Temperature         -20°C ~ 70°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)         0.126" (3.20mm)	Manufacturer Part Number	LP330F33CET
Package         HC49/US           Series         ATSSMLP           Type         MHz Crystal           Frequency         33MHz           Frequency Stability         ±30ppm           Frequency Tolerance         ±30ppm           Load Capacitance         20pF           ESR (Equivalent Series Resistance)         -           Operating Mode         Fundamental           Operating Temperature         -20°C ~ 70°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)         0.126" (3.20mm)	Manufacturer	CTS-Frequency Controls
Package HC49/US  Series ATSSMLP  Type MHz Crystal  Frequency 33MHz  Frequency Stability ±30ppm  Frequency Tolerance ±30ppm  Load Capacitance 20pF  ESR (Equivalent Series Resistance) -  Operating Mode Fundamental  Operating Temperature -20°C ~ 70°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) 0.126" (3.20mm)	Category	Crystals, Oscillators, Resonators
Series ATSSMLP Type MHz Crystal Frequency 33MHz Frequency Stability ±30ppm Frequency Tolerance ±30ppm Load Capacitance 20pF ESR (Equivalent Series Resistance) - Operating Mode Fundamental Operating Temperature -20°C ~ 70°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) 0.126" (3.20mm)		Crystals
Type MHz Crystal Frequency 33MHz Frequency Stability ±30ppm Frequency Tolerance ±30ppm  Load Capacitance 20pF  ESR (Equivalent Series Resistance) - Operating Mode Fundamental Operating Temperature -20°C ~ 70°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) 0.126" (3.20mm)	Package	HC49/US
Frequency Stability ±30ppm  Frequency Tolerance ±30ppm  Load Capacitance 20pF  ESR (Equivalent Series Resistance) - Operating Mode Fundamental Operating Temperature -20°C ~ 70°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) 0.126" (3.20mm)	Series	ATSSMLP
Frequency Stability Frequency Tolerance  ±30ppm  Load Capacitance  20pF  ESR (Equivalent Series Resistance)  Operating Mode  Operating Temperature  -20°C ~ 70°C  Ratings  Mounting Type  Surface Mount  Package / Case  HC49/US  Size / Dimension  Height - Seated (Max)  ±30ppm  ±30ppm  ±30ppm  ±30ppm  ±30ppm   Examples  -0  Supface Mount  Fundamental  -20°C ~ 70°C  Surface Mount  -20°C ~ 70°C  Surface Mount  -20°C ~ 70°C  -20°C ~ 70°C	Туре	MHz Crystal
Frequency Tolerance ±30ppm  Load Capacitance 20pF  ESR (Equivalent Series Resistance) - Operating Mode Fundamental Operating Temperature -20°C ~ 70°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) 0.126" (3.20mm)	Frequency	33MHz
Load Capacitance 20pF  ESR (Equivalent Series Resistance) - Operating Mode Fundamental Operating Temperature -20°C ~ 70°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) 0.126" (3.20mm)	Frequency Stability	±30ppm
ESR (Equivalent Series Resistance)  Operating Mode  Fundamental  Operating Temperature  -20°C ~ 70°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)  0.126" (3.20mm)	Frequency Tolerance	±30ppm
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Load Capacitance	20pF
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	ESR (Equivalent Series Resistance)	-
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) 0.126" (3.20mm)	Operating Mode	Fundamental
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) 0.126" (3.20mm)	Operating Temperature	-20°C ~ 70°C
Package / Case         HC49/US           Size / Dimension         0.437" L x 0.190" W (11.10mm x 4.83mm)           Height - Seated (Max)         0.126" (3.20mm)	Ratings	-
Size / Dimension       0.437" L x 0.190" W (11.10mm x 4.83mm)         Height - Seated (Max)       0.126" (3.20mm)	Mounting Type	Surface Mount
Height - Seated (Max) 0.126" (3.20mm)	Package / Case	HC49/US
	Size / Dimension	0.437" L x 0.190" W (11.10mm x 4.83mm)
Report errors?	Height - Seated (Max)	0.126" (3.20mm)
		Report errors?

### **LP330F33CET 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.

## **LP330F33CET Payment Methods**



















## **LP330F33CET Shipping Methods**













If you have any question about LP330F33CET, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com