



### **GL040F33IET Information**

Heisener.com

Part Number GL040F33IET

Manufacturer CTS-Frequency Controls

Category Crystals, Oscillators, Resonators

Crystals

**Description** CRYSTAL 4.000000 MHZ SMD

Package HC49/US

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

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.









# **GL040F33IET Specifications**

Manufacturer Part NumberGL040F33IETManufacturerCTS-Frequency ControlsCategoryCrystals, Oscillators, ResonatorsPackageHC49/USSeriesATSSMGLTypeMHz CrystalFrequency4MHzFrequency Stability±30ppmFrequency Tolerance±30ppmLoad Capacitance20pFESR (Equivalent Series Resistance)120 OhmOperating ModeFundamentalOperating Temperature-40°C ~ 85°CRatings-Mounting TypeSurface MountPackage / CaseHC49/USSize / Dimension0.461" L x 0.197" W (11.70mm x 5.00mm)Height - Seated (Max)0.169" (4.30mm)	•	
Category         Crystals, Oscillators, Resonators           Package         HC49/US           Series         ATSSMGL           Type         MHz Crystal           Frequency         4MHz           Frequency Stability         ±30ppm           Frequency Tolerance         ±30ppm           Load Capacitance         20pF           ESR (Equivalent Series Resistance)         120 Ohm           Operating Mode         Fundamental           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Surface Mount           Package / Case         HC49/US           Size / Dimension         0.461" L x 0.197" W (11.70mm x 5.00mm)           Height - Seated (Max)         0.169" (4.30mm)	Manufacturer Part Number	GL040F33IET
Package         HC49/US           Series         ATSSMGL           Type         MHz Crystal           Frequency         4MHz           Frequency Stability         ±30ppm           Frequency Tolerance         ±30ppm           Load Capacitance         20pF           ESR (Equivalent Series Resistance)         120 Ohm           Operating Mode         Fundamental           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Surface Mount           Package / Case         HC49/US           Size / Dimension         0.461" L x 0.197" W (11.70mm x 5.00mm)           Height - Seated (Max)         0.169" (4.30mm)	Manufacturer	CTS-Frequency Controls
Package HC49/US  Series ATSSMGL  Type MHz Crystal  Frequency 4MHz  Frequency Stability ±30ppm  Frequency Tolerance ±30ppm  Load Capacitance 20pF  ESR (Equivalent Series Resistance) 120 Ohm  Operating Mode Fundamental  Operating Temperature -40°C ~ 85°C  Ratings -  Mounting Type Surface Mount  Package / Case HC49/US  Size / Dimension 0.461" L x 0.197" W (11.70mm x 5.00mm)  Height - Seated (Max) 0.169" (4.30mm)	Category	Crystals, Oscillators, Resonators
Series ATSSMGL Type MHz Crystal Frequency 4MHz Frequency Stability ±30ppm Frequency Tolerance ±30ppm Load Capacitance 20pF ESR (Equivalent Series Resistance) 120 Ohm Operating Mode Fundamental Operating Temperature -40°C ~ 85°C Ratings - Mounting Type Surface Mount Package / Case HC49/US Size / Dimension 0.461" L x 0.197" W (11.70mm x 5.00mm) Height - Seated (Max) 0.169" (4.30mm)		Crystals
Type MHz Crystal  Frequency 4MHz  Frequency Stability ±30ppm  Frequency Tolerance ±30ppm  Load Capacitance 20pF  ESR (Equivalent Series Resistance) 120 Ohm  Operating Mode Fundamental  Operating Temperature -40°C ~ 85°C  Ratings -  Mounting Type Surface Mount  Package / Case HC49/US  Size / Dimension 0.461" L x 0.197" W (11.70mm x 5.00mm)  Height - Seated (Max) 0.169" (4.30mm)	Package	HC49/US
Frequency Stability ±30ppm  Frequency Tolerance ±30ppm  Load Capacitance 20pF  ESR (Equivalent Series Resistance) 120 Ohm  Operating Mode Fundamental  Operating Temperature -40°C ~ 85°C  Ratings -  Mounting Type Surface Mount  Package / Case HC49/US  Size / Dimension 0.461" L x 0.197" W (11.70mm x 5.00mm)  Height - Seated (Max) 0.169" (4.30mm)	Series	ATSSMGL
Frequency Stability ±30ppm  Frequency Tolerance ±30ppm  Load Capacitance 20pF  ESR (Equivalent Series Resistance) 120 Ohm  Operating Mode Fundamental  Operating Temperature -40°C ~ 85°C  Ratings -  Mounting Type Surface Mount  Package / Case HC49/US  Size / Dimension 0.461" L x 0.197" W (11.70mm x 5.00mm)  Height - Seated (Max) 0.169" (4.30mm)	Туре	MHz Crystal
Frequency Tolerance ±30ppm  Load Capacitance 20pF  ESR (Equivalent Series Resistance) 120 Ohm  Operating Mode Fundamental  Operating Temperature -40°C ~ 85°C  Ratings -  Mounting Type Surface Mount  Package / Case HC49/US  Size / Dimension 0.461" L x 0.197" W (11.70mm x 5.00mm)  Height - Seated (Max) 0.169" (4.30mm)	Frequency	4MHz
Load Capacitance 20pF  ESR (Equivalent Series Resistance) 120 Ohm  Operating Mode Fundamental  Operating Temperature -40°C ~ 85°C  Ratings -  Mounting Type Surface Mount  Package / Case HC49/US  Size / Dimension 0.461" L x 0.197" W (11.70mm x 5.00mm)  Height - Seated (Max) 0.169" (4.30mm)	Frequency Stability	±30ppm
ESR (Equivalent Series Resistance)  Operating Mode  Fundamental  Operating Temperature  -40°C ~ 85°C  Ratings  -  Mounting Type  Surface Mount  Package / Case  HC49/US  Size / Dimension  0.461" L x 0.197" W (11.70mm x 5.00mm)  Height - Seated (Max)  0.169" (4.30mm)	Frequency Tolerance	±30ppm
Operating ModeFundamentalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Ratings-Mounting TypeSurface MountPackage / CaseHC49/USSize / Dimension $0.461^{\circ}\text{L} \times 0.197^{\circ}\text{W} (11.70\text{mm} \times 5.00\text{mm})$ Height - Seated (Max) $0.169^{\circ}\text{W} (4.30\text{mm})$	Load Capacitance	20pF
Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Surface Mount           Package / Case         HC49/US           Size / Dimension         0.461" L x 0.197" W (11.70mm x 5.00mm)           Height - Seated (Max)         0.169" (4.30mm)	ESR (Equivalent Series Resistance)	120 Ohm
Ratings - Mounting Type Surface Mount Package / Case HC49/US Size / Dimension 0.461" L x 0.197" W (11.70mm x 5.00mm) Height - Seated (Max) 0.169" (4.30mm)	Operating Mode	Fundamental
Mounting Type Surface Mount  Package / Case HC49/US  Size / Dimension 0.461" L x 0.197" W (11.70mm x 5.00mm)  Height - Seated (Max) 0.169" (4.30mm)	Operating Temperature	-40°C ~ 85°C
Package / Case         HC49/US           Size / Dimension         0.461" L x 0.197" W (11.70mm x 5.00mm)           Height - Seated (Max)         0.169" (4.30mm)	Ratings	-
Size / Dimension       0.461" L x 0.197" W (11.70mm x 5.00mm)         Height - Seated (Max)       0.169" (4.30mm)	Mounting Type	Surface Mount
Height - Seated (Max) 0.169" (4.30mm)	Package / Case	HC49/US
•	Size / Dimension	0.461" L x 0.197" W (11.70mm x 5.00mm)
Report errors?	Height - Seated (Max)	0.169" (4.30mm)
		Report errors?

### **GL040F33IET 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.

# **GL040F33IET Payment Methods**



















### **GL040F33IET Shipping Methods**













If you have any question about GL040F33IET, please do not hesitate to contact us!

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