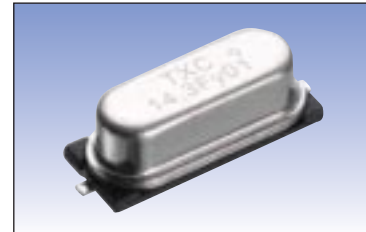


### SMD HC-49S / 8T SERIES

#### ■ Features

- Surface-mount type crystal units.
- Highly mass production capability
- High frequency pullability and low equivalent series resistance
- Superior performance and stringent reliability in harsh environment
- Non-safety parts application in car ,such as video, audio, or AM/FM...etc.
- Lead free parts.



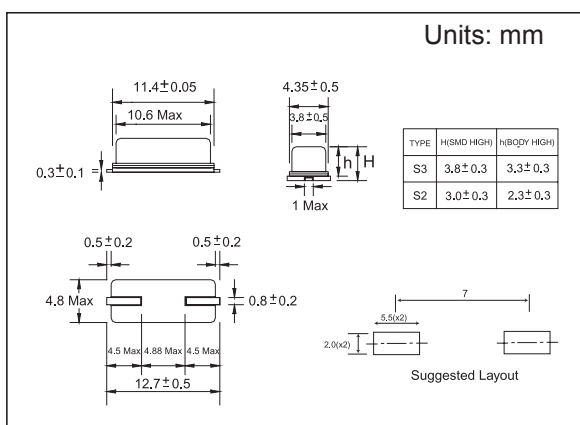
#### ■ Electrical Specifications

Item	Type	8T
Frequency Range		4 ~ 25 MHz
Frequency Tolerance (at 25 °C)		±100 ppm, or specify
Frequency Stability Over Operating Temperature Range		±150 ppm, or specify
Operating Temperature Range		-40 ~ +85 °C
Driver Level		1 ~ 500 μW (10 μW typical)
Load Capacitance		12 pF, or specify
Aging ( at 25 °C )		± 3 ppm / year Max.
Storage Temperature Range		-45 ~ +105 °C

#### ■ Equivalent Series Resistance (ESR)

Fundamental	
4 ~ 10 MHz	150 Ω Max.
10 ~ 25 MHz	100 Ω Max.

#### ■ Dimensions



#### ■ Reflow Condition

