

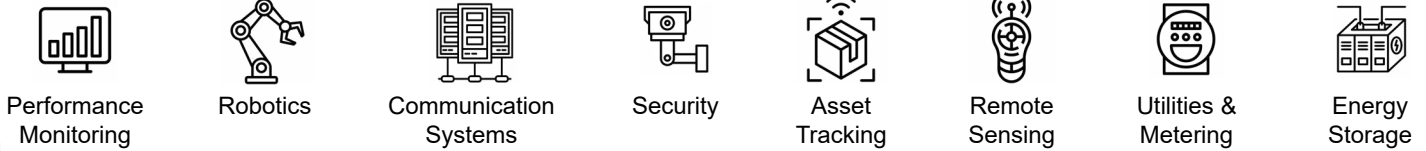
# INDUSTRIAL PRODUCTS

Tuning Forks, Quartz Crystals, MultiVolt Oscillators and Power Inductors

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## Applications



## Tuning Fork Crystals

Part Series	Package Size (mm)	Frequency	Tolerance		Max. Operating Temperature	Inventory
			Min.	Max.		
ECX-16	1.6 x 1.0	32.768 kHz	±7 ppm	±20 ppm	-40°C ~ +85°C	<a href="#">Inventory</a>
ECX-12Q <sup>Ⓐ</sup>	2.0 x 1.2	32.768 kHz	±10 ppm	±20 ppm	-40°C ~ +125°C	<a href="#">Inventory</a>
ECX-31B <sup>Ⓑ</sup>	3.2 x 1.5	32.768 kHz	±10 ppm	±20 ppm	-40°C ~ +85°C	<a href="#">Inventory</a>

## Quartz Crystals

Part Series	Package Size (mm)	Frequency	Tolerance		Max. Operating Temperature	Stability		Inventory
			Min.	Max.		Min.	Max.	
ECX-2236	2.5 x 2.0	12 MHz ~ 80 MHz	±10 ppm	±50 ppm	-55°C ~ +125°C	±10 ppm	±100 ppm	<a href="#">Inventory</a>
ECX-32	3.2 x 2.5	8 MHz ~ 54 MHz	±10 ppm	±25 ppm	-55°C ~ +125°C	±10 ppm	±100 ppm	<a href="#">Inventory</a>
ECS-33B <sup>Ⓑ</sup>	3.2 x 2.5	10 MHz ~ 54 MHz	±10 ppm	±25 ppm	-40°C ~ +125°C	±10 ppm	±100 ppm	<a href="#">Inventory</a>
ECX-33QZ <sup>ⒸⒹ</sup>	3.2 x 2.5	12 MHz ~ 32 MHz	±10 ppm	±25 ppm	-40°C ~ +125°C	±50 ppm	±100 ppm	<a href="#">Inventory</a>

## MultiVolt Oscillators

Part Series	Package Size (mm)	Frequency	Supply Voltage	Stability	Operating Temperature	Inventory
ECS-327ATQMV <sup>Ⓒ</sup>	3.2 x 2.5	32.768 kHz	1.62V ~ 3.63V	±100 ppm*	-40°C ~ +125°C	<a href="#">Inventory</a>
ECS-2520MV	2.5 x 2.0	0.750 MHz ~ 160 MHz	1.6V ~ 3.6V	±50 ppm	-40°C ~ +85°C	<a href="#">Inventory</a>
ECS-2520SMV	2.5 x 2.0	8 MHz ~ 60 MHz	1.62V ~ 3.63V	±10 ppm	-40°C ~ +105°C	<a href="#">Inventory</a>
ECS-3225MVQ <sup>Ⓒ</sup>	3.2 x 2.5	1 MHz ~ 160 MHz	1.62V ~ 3.63V	±50 ppm*	-40°C ~ +85°C	<a href="#">Inventory</a>

## Power Inductor

Part Series	Package Size (mm)	Inductance	Current Rating	Max. Operating Temperature	Inventory
ECS-MPI4040 <sup>Ⓒ</sup>	4.7 x 4.3	90 nH ~ 22 µH	1.8 A ~ 32 A	-55°C ~ +125°C	<a href="#">Inventory</a>
ECS-MPIL0630	7.4 x 6.6	470 nH ~ 22 µH	3.0 A ~ 20 A	-40°C ~ +125°C	<a href="#">Inventory</a>

\* Contact for availability

<sup>Ⓑ</sup> Low Aging

<sup>Ⓒ</sup> AEC-Q200

<sup>Ⓓ</sup> Ruggedized