

FCom Quartz Crystal Resonator

Series FCX-3L-A

AEC-Q200 Automotive Crystal Resonator 3.2x2.5 mm



Feature

- Industry Standard Package: 3.2*2.5*0.85mm
- Excellent heat resistance and environmental characteristic
- High precision and high reliability
- Contain Pb exempted by RoHS directive
- AEC-Q200 Compliant

Application

- Automotive Ethernet
- In-Vehicle Infotainment system
- Battery Management System, Body Control
- Instrument clusters
- Power steering, Breaking System, Engine Control

ELECTRICAL SPECIFICATIONS

Parameters	Symbol	Min.	Typ.	Max.	Units	Notes
Nominal Frequency	F	8			MHz	Test condition Ambient temperature: 25 ± 5°C Relative humidity: 40% ~ 70%
Frequency Tolerance	FT	± 50			ppm	
Frequency Stability Over Operating Temp. Range (Reference 25°C)	ST	± 150			ppm	
Operating Temperature	Topr	-40	25	125	°C	
Load Capacitance	CL	8			pF	
Drive Level	DL	-	10	100	uW	
Equivalent Series Resistance	ESR	-	-	500	Ohm	
Aging	-	± 3			ppm	1st Year

! Note : The table shows common spec. if you have special spec. requirement , please feel free to contact our salesperson.

DIMENSION(mm)

