

Part Number: **830054236** | CFPX-217

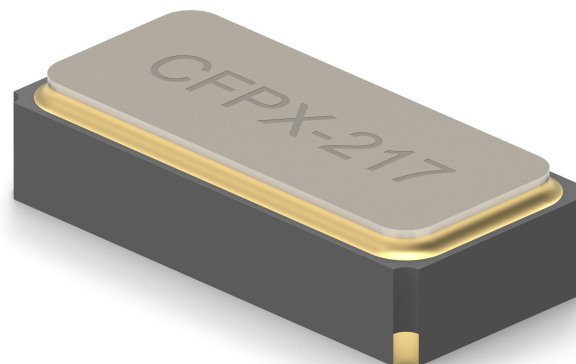
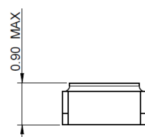
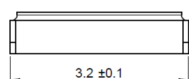
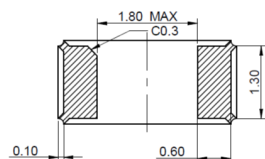
AKA Number: LFX TAL054236



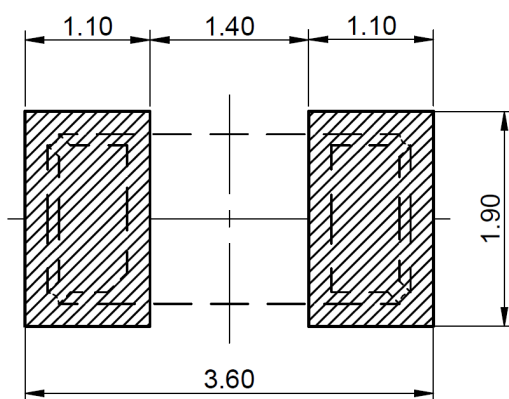
General Information

3.2 x 1.5 mm SMD crystal in a ceramic package with a seam sealed metal lid, hermetically sealed.

Dimensions [mm]



Recommended Land Pattern [mm]



Part Number: 830054236 | CFPX-217

AKA Number: LFX TAL054236

Frequency Parameters

Frequency	32.7680 kHz
Frequency Tolerance	± 20 ppm max @ 25 °C
Overtone Order	Fundamental
Ageing	± 3 ppm max first year 25 °C ± 3 °C

Material Parameters

Termination Finish	Ni Au
Moisture Sensitivity Level (MSL)	Not Applicable

Manufacturing Details

Reflow: 260 °C max for 10 seconds max.

Electrical Parameters

Load Capacitance CL	6 pF
Shunt Capacitance CO	1 pF typ.
Drive Level	1 µW max.
ESR	70000 Ω max.

Environmental Parameters

Storage Temperature Range:	-55 °C to 125 °C
■ Drop: 100 g dummy, 150 cm drop (3 directions x 10 times) onto concrete.	
■ Vibration: 1.5 mm amplitude, 10 Hz ~ 60 Hz with cycle time of 2 ~ 3 minutes in 3 directions (X, Y and Z axis) each for 2 hours.	

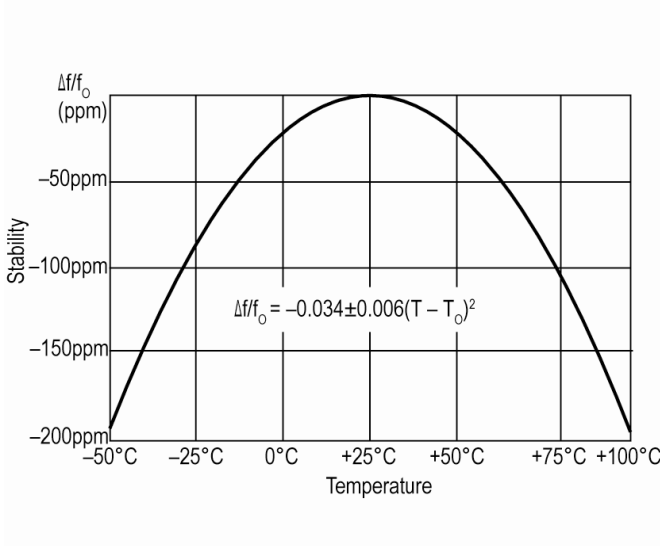
Technical Standards

RoHS Status	2015/863/EU - Compliant
REACH Status	Compliant

Packaging Details

Packaging SPQ	Tape & Reel 3000 pcs
Tape & reel in accordance with EIA-481	
Quantities below the standard reel size to be supplied on cut tape.	

Stability vs. Temperature



Company Address

IQD Frequency Products Ltd.

Station Road

Crewkerne

Somerset

TA18 8AR, United Kingdom