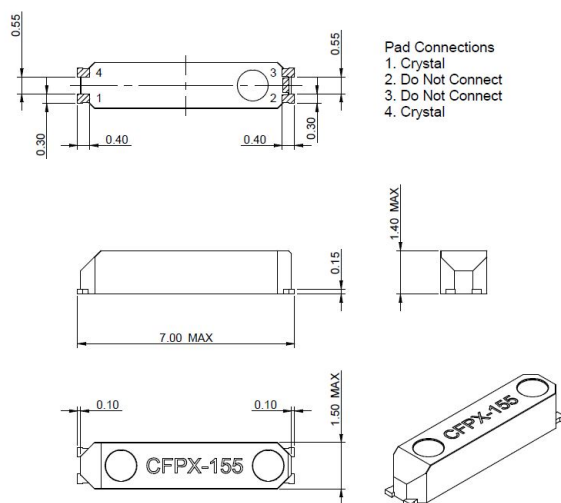


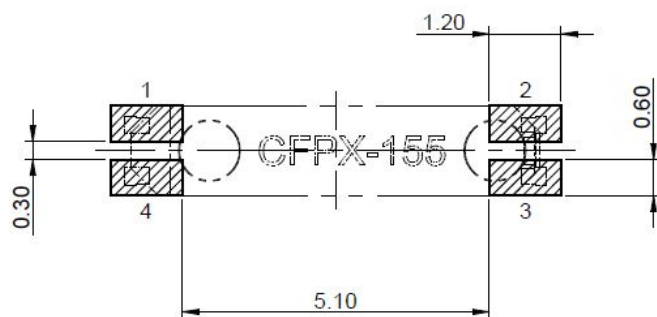
General Information

Plastic molded surface mount watch crystal.

Dimensions [mm]



Recommended Land Pattern [mm]



Part Number: 830100958901 | CFPX-155
AKA Number: LFX TAL009589

Frequency Parameters

Frequency	32.7680 kHz
Frequency Tolerance	± 20 ppm @ 25 °C ±5 °C
Frequency Stability	±
Overtone Order	Fundamental
Ageing	± 3 ppm max in 1st year @ 25 °C ± 3 °C
Operable Temperature Range	-40 to 85 °C
Frequency Stability Coefficient	-0.033/°C² typ

Material Parameters

Termination Finish	Sn Matte
Moisture Sensitivity Level (MSL)	Not Applicable

Manufacturing Details

Reflow: 250 °C ±10 °C for 10 ±1 seconds.

Electrical Parameters

Load Capacitance C_L	12.5 pF
Shunt Capacitance C₀	0.9 pF typ.
Drive Level	1 µW
ESR	65000 Ω max.

Environmental Parameters

Storage Temperature Range:	-55 °C to 125 °C
- Drop: 75 cm drop (3 times) onto hard wooden board. - Vibration: 1.5 mm amplitude, 10 Hz -60 Hz, 2-3 mins in 3 mutually perpendicular planes, duration 2 hrs each plane. - Thermal Shock: 20 cycles of -25 °C to 80 °C over a duration of 30 mins	

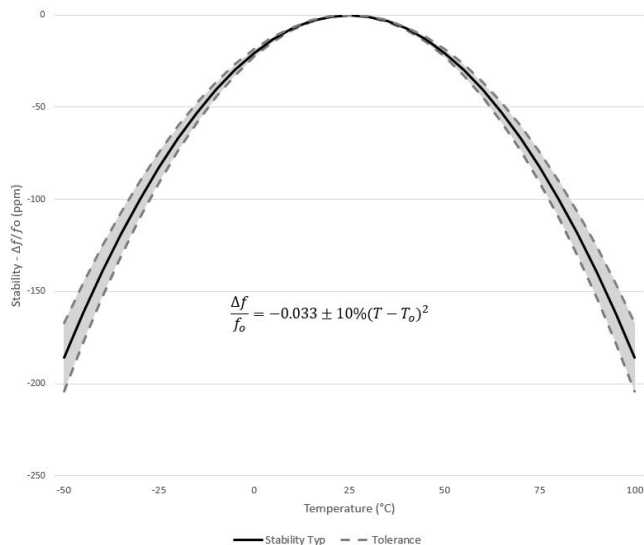
Technical Standards

RoHS Status	2015/863/EU - Compliant
REACH Status	(EC)1907/2006 - 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