



### Description

- Standard 7 x 5mm SMD crystal
- A ceramic package with a seam sealed metal lid, hermetically sealed. 4 pad device metal lid.
- Model 12SMX-B
- Model Issue number 13

### Frequency Parameters

- Frequency 14.745460MHz
- Frequency Tolerance @ 25°C ±30.00ppm
- Frequency Stability ±50.00ppm
- Operating Temperature Range -20.00 to 70.00°C
- Overtone Order Fundamental
- Ageing ±5ppm per year max

### Electrical Parameters

- Load Capacitance (C<sub>L</sub>) 16.00pF
- Shunt Capacitance (C<sub>0</sub>) 7pF max
- Drive Level 100µW max
- ESR 60Ω max

### Environmental Parameters

- Storage Temperature Range: -40 to 85°C

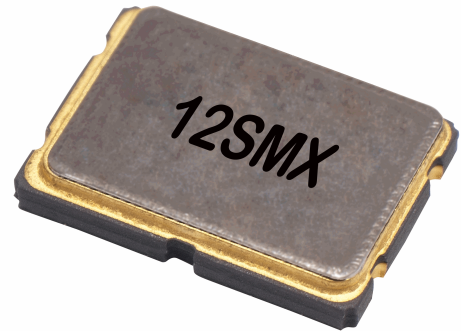
### Compliance

- RoHS Status Compliant
- REACH Status Compliant

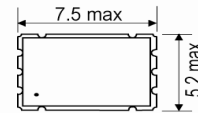
### Packaging

- Pack Type: Bulk Loose in bulk pack
- Pack Size 100
- Alternative packing option available

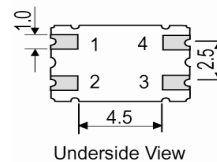
*This document is correct at the time of printing; please contact your local office for the latest version.*



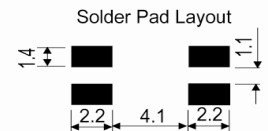
### Outline (mm)



- Pad Connection
- Crystal
  - GND & Lid
  - Crystal
  - GND & Lid



Underside View



Solder Pad Layout

### Sales Office Contact Details:

UK: +44 (0)1460 270200

Germany: +49 (0)7264 9145-62

France: +33 (0)5 34 50 91 18

USA: +1 408.273.4530

Email: [info@iqdfrequencyproducts.com](mailto:info@iqdfrequencyproducts.com)

Web: [www.iqdfrequencyproducts.com](http://www.iqdfrequencyproducts.com)

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [iqd manufacturer](#):*

Other Similar products are found below :

[LFXTAL071761CUTT](#) [LPMC XO063767BULK](#) [LPMC XO063773BULK](#) [LFOC XO063802BULK](#) [LFOC XO063809BULK](#)  
[LFTC XO063709BULK](#) [LFTC XO063710BULK](#) [LFTC XO063779BULK](#) [LFTC XO070028Cutt](#) [LFTV XO063701BULK](#)  
[LFTV XO063702BULK](#) [LFTV XO063703BULK](#) [LFTV XO063707BULK](#) [LFTV XO063791BULK](#) [LF XTAL003156](#) [LPMC XO063766BULK](#)  
[LPMC XO063771BULK](#) [LFOC XO063816BULK](#) [LFTC XO063713BULK](#) [LFTC XO063714BULK](#) [LFTC XO063716BULK](#)  
[LFTV XO063704BULK](#) [LFTV XO063705BULK](#) [LFTV XO063706BULK](#) [LFTV XO063789BULK](#) [LFTV XO063790BULK](#) [LF XTAL003113](#)  
[LFOC XO063809](#) [LFSP XO009581](#) [LFTC XO063784](#) [LFTV XO063786](#) [LFSP XO009686Bulk](#) [LFRB XO059244Bulk](#) [LFTV XO075802Cutt](#)  
[LFOC XO067293Bulk](#) [LFTC XO075792Cutt](#) [LPMC XO064079BULK](#) [LFSP XO071189](#) [LFOC XO067293](#) [LFXTAL012312BULK](#)  
[LFTC XO063780BULK](#) [LFSP XO056269CUTT](#) [LFOC XO063803BULK](#) [LFSP XO009592CUTT](#) [LFOC XO065520Bulk](#) [LFMISC070550Bulk](#)  
[LFSP XO025494Cutt](#) [LPMC XO064080BULK](#) [LFOC XO063804BULK](#) [LFSP XO019884BULK](#)