

SWISSDIS



Swissdis AG
Grasweg 7
CH-4911 Schwarzhäusern

Tel.: +41 62 919 44 00
Fax: +41 62 919 44 01
info@swissdis.ch
www.swissdis.ch



SPECIFICATIONS

Crystals ASX

ASX2F-Serie

Version August 2020

ASX2F

2.5x2.0mm Surface Mount Ceramic Crystal Units



Applications:

- Digital Cellular Telephone
- GPS
- Wireless LAN
- Notebook PC
- POS
- Bluetooth
- Consumer Electronics
- Digital Camera

FEATURES

- Seam Seal
- Excellent Vibration Resistance & Shock Resistance
- Excellent Solderability
- Excellent Thermal Hysteresis
- High Frequency Stability
- RoHS/REACH Compliant

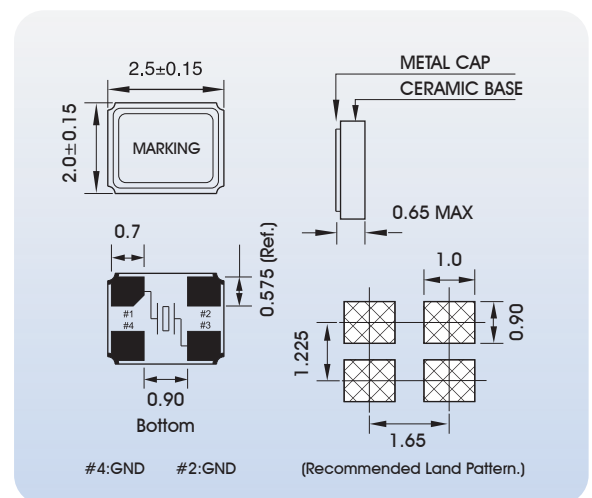
SPECIFICATION

MODEL	ASX2F	
Frequency		
Frequency Range (Fundamental)	MHz	12.000 ~ 54.000
Frequency Tolerance (25°C)	ppm	± 10 ~ ± 50
Frequency Stability (Ref to 25°C)	ppm	± 15 ~ ± 100 ± 50 ~ ± 100
Environmental Condition		
Operating Temperature Range	°C	-40 to +125 or Specify -55 ~ +125
Storage Temperature Range	°C	- 55 to + 125
Aging	ppm/Year	± 3
Electrical Specifications		
Test Circuit		S&A 350A with π Fixture
Load Capacitance (CL)	pF	6pF ~ Series (Customer Specified)
Drive Level	uW	10, 30, 50, 100, 200, 500 or special requirement
Equivalent Series Resistance	Ω	see table
Shunt Capacitance (Co)	pF	3.0 (Max)

EQUIVALENT SERIES RESISTANCE (Ω)

Frequency (MHz)	Mode	Max ESR (Ω)
12.000 ~ 13.999	Fundamental	200
14.000 ~ 15.999	Fundamental	150
16.000 ~ 19.999	Fundamental	90
20.000 ~ 23.999	Fundamental	70
24.000 ~ 24.999	Fundamental	60
25.000 ~ 44.999	Fundamental	50
45.000 ~ 54.000	Fundamental	40

DIMENSION (mm)



MARKING RULE

