

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

ASX1F-Serie

Version August 2020

ASX1F

2.0x1.6mm 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

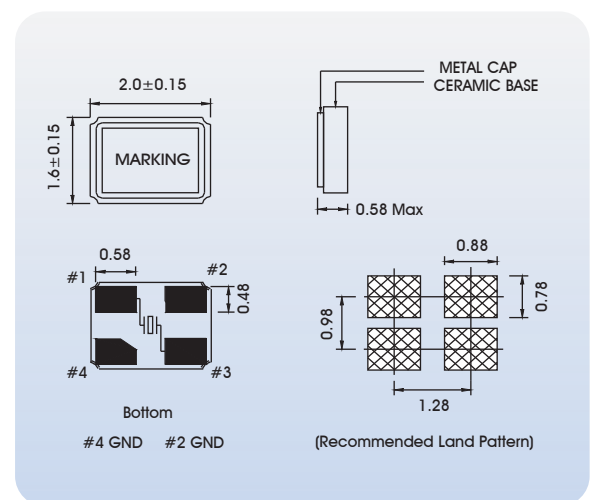
SPECIFICATION

MODEL	ASX1F		
Frequency			
Frequency Range (Fundamental)	MHz	16.000 ~ 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)
16.000 ~ 19.199	Fundamental	200
19.200 ~ 25.999	Fundamental	100
26.000 ~ 35.999	Fundamental	80
36.000 ~ 54.000	Fundamental	60

DIMENSION (mm)



MARKING RULE

