

AX-8.000MAMV-T Datasheet

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DiGi Electronics Part Number	AX-8.000MAMV-T-DG
Manufacturer	TXC CORPORATION
Manufacturer Product Number	AX-8.000MAMV-T
Description	CRYSTAL 8.0000MHZ 8PF SMD
Detailed Description	8 MHz \pm 30ppm Crystal 8pF 120 Ohms 2-SMD, No Lead

This model AX-8.000MAMV-T is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

AX-8.000MAMV-T

Series:

AX

Type:

MHz Crystal

Frequency Stability:

±100ppm

Load Capacitance:

8pF

Operating Mode:

Fundamental

Ratings:

AEC-Q200

Package / Case:

2-SMD, No Lead

Height - Seated (Max):

0.059" (1.50mm)

Manufacturer:

TXC CORPORATION

Product Status:

Active

Frequency:

8 MHz

Frequency Tolerance:

±30ppm

ESR (Equivalent Series Resistance):

120 Ohms

Operating Temperature:

-40°C ~ 125°C

Mounting Type:

Surface Mount

Size / Dimension:

0.315" L x 0.177" W (8.00mm x 4.50mm)

Environmental & Export classification

RoHS Status:

RoHS Compliant

ECCN:

EAR99

Moisture Sensitivity Level (MSL):

1 (Unlimited)

HTSUS:

8541.60.0050

SMD

Glass Sealing Crystals

8.0 x 4.5 x 1.5 mm AX Series

Features

- Reliable glass sealed ceramic package.
- Wide operating temperature range.
- Superior and reliable performance in harsh environment.
- Application : TPMS, ECM, ABS and sensor modules.
- Contains Pb in sealing glass exempted by RoHS directive.

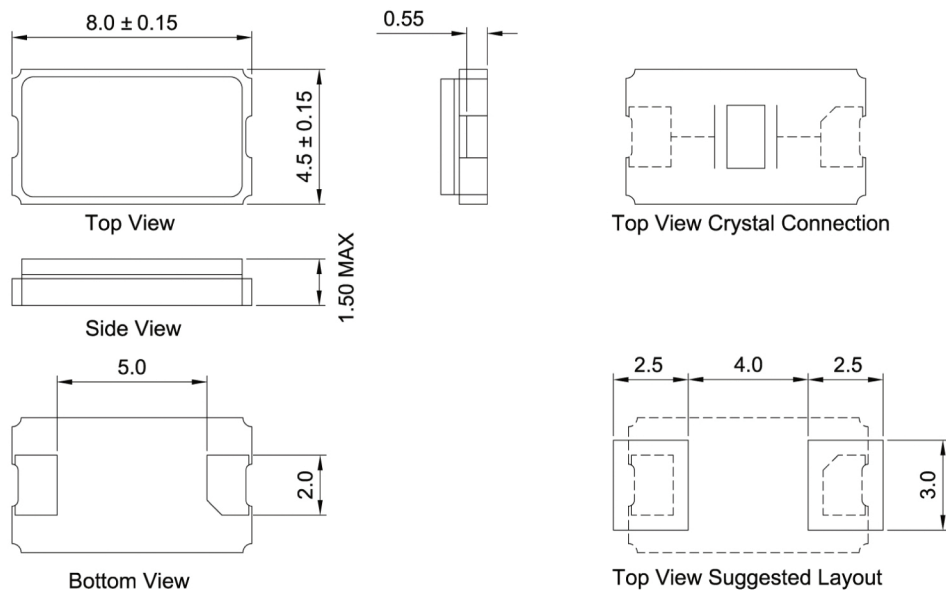
Electrical Specifications

Item / Type	AX
Frequency Range	8 ~ 40 MHz
Overtone	Fundamental
Frequency Tolerance (at 25 °C)	± 30 ppm
Frequency Stability	± 50 ppm Max. (- 40 ~ + 85 °C)
Operating Temperature Range	- 40 ~ +150 °C
Drive Level	10 μW (typical) ; 500 μW (Max.)
Load Capacitance	8 pF, or specify
Storage Temperature Range	- 40 ~ +150 °C
Reliability Standard	AEC-Q200

Equivalent Series Resistance(ESR)

Fundamental	
8 ~ 10 MHz	120 Ω Max.
10 ~ 12 MHz	100 Ω Max.
12 ~ 40 MHz	80 Ω Max.

Dimensions



Remark : Specification subject to change without prior notice. Please confirm with our sales.

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