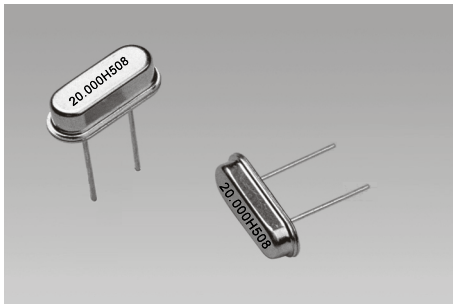


• E49A Series DIP 49US Crystal



This part is a miniature AT cut strip crystal units with a low profile package. It is with resistance weld.

FEATURES

- Low Cost
- Industry Standard
- Wide Frequency Range
- Excellent Aging

Electrical Specifications

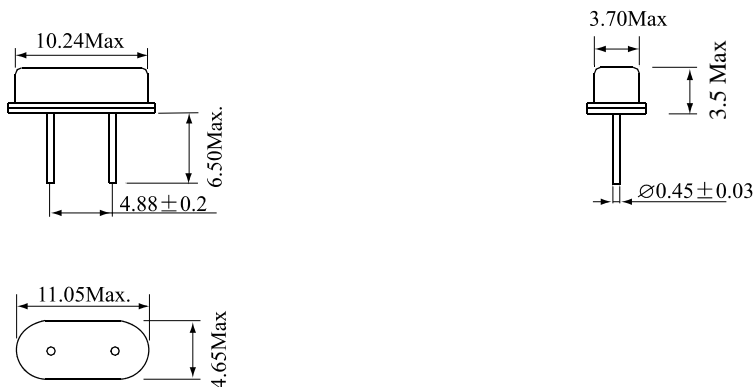
Type	E49A	
Frequency Range	F0	3.2~66.000MHz
Load Capacitance	CL	10pF to Series
Frequency Tolerance	$\Delta F / F_0$	$\pm 10\text{ppm}, \pm 30\text{ppm}, \pm 50\text{ppm}(\text{At } 25^\circ\text{C})$
Equivalent Series Resistance	ESR	See Table 1
Temperature Stability	TC	$\pm 10\text{ppm}, \pm 30\text{ppm}, \pm 50\text{ppm}(\text{Refer to } 25^\circ\text{C})$
Operating Temperature Range	TOPR	-20~+70°C, -30~+85°C Option
Storage Temperature Range	TSTG	-55~+125°C
Shunt Capacitance	C0	7pF max.
Insulator Resistance	IR	500M Ω min. (At 100VDC)
Drive Level	DL	100 μ W(500 μ W max.)
Aging	Fa	$\pm 5\text{ppm max. (At } 25^\circ\text{C, First year)}$
Packing Unit		200pcs/bag

Table 1:Equivalent Series Resistance(ESR) and Mode of Vibration(Mode)

Frequency Range(MHz)	Max ESR(Ω)	Mode	Frequency Range(MHz)	Max ESR(Ω)	Mode
3.200 to 4.499	150	Fundamental/AT	9.000 to 9.999	60	Fundamental/AT
4.500 to 5.999	120	Fundamental/AT	10.000 to 12.999	50	Fundamental/AT
6.000 to 6.999	100	Fundamental/AT	13.000 to 40.000	40	Fundamental/AT
7.000 to 7.999	90	Fundamental/AT	40.000 to 66.000	80	3 rd Overtone
8.000 to 8.999	80	Fundamental/AT			

**Please contact us for inquiries regarding other Specifications

Mechanical Dimensions(mm)



TAIWAN:

HOSONIC ELECTRONIC CO., LTD.
23-1 LANE 84, CHUN YING ST. SHULIN CHEN.
TAIPEI 23804, TAIWAN
WEB SITE:<http://www.hosonic.com>

☎: 886-2-86875200
☎: 886-2-26816456
✉: hosonic.sales@hosonic.com

CHINA:

HANGZHOU HOSONIC ELECTRONIC CO., LTD.
NO.242 LIANGBO ROAD, LIANGZHU TOWN.
YUHANG DISTRICT, HANGZHOU, ZHEJIANG, CHINA
WEB SITE:<http://www.hosonic.com>

☎: 86-571-88778189
☎: 86-571-88778857
✉: hosonic.sales@hosonic.com

Specifications are subject to change without notice

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Crystals](#) category:

Click to view products by [Hosonic](#) manufacturer:

Other Similar products are found below :

[CS325S24000000ABJT](#) [718-13.2-1](#) [MC405 32.0000K-R3:PURE SN](#) [FC-135R 32.7680KF-A3](#) [7A-40.000MAAE-T](#) [7B-27.000MBBK-T](#)
[FL2000085](#) [9B-15.360MBBK-B](#) [9C-7.680MBBK-T](#) [ASH7K-32.768KHZ](#) [AT-41.600MAGQ-T](#) [BTD1062E05A-513](#) [LFX TAL066198Cutt](#)
[9C-14.31818MBBK-T](#) [FA-238 50.0000MB30X-K3](#) [FC-12M 32.7680KA-AC3](#) [SSPT7F-9PF20-R](#) [FX325BS-38.88EEM1201](#)
[LFX TAL065253Cutt](#) [LFX TAL066431Cutt](#) [XT9S20ANA14M7456](#) [XT9SNLANA16M](#) [646G-24-2](#) [7A-24.576MBBK-T](#) [7B-30.000MBBK-T](#)
[WX26-32.768K-6PF](#) [9B-14.31818MBBK-B](#) [CD1AM](#) [7B-25.000MAAE-T](#) [7A-14.31818MBBK-T](#) [6504-202-1501](#) [6526-202-1501](#) [FA-118T](#)
[27.1200MB50P-K0](#) [FC-135R 32.7680KA-A3](#) [ABM12-104-37.400MHZT](#) [ABLS-10.000MHZ-D3W-T](#) [BTJ112E01E-513](#) [BTJ722K01C-7067](#)
[BTL-20-513](#) [TSX-3225 24.0000MF15X-AC](#) [TSX-3225 16.0000MF18X-AC](#) [BTJ120E02C](#) [BTL-12-513](#) [7A-10.000MBBK-T](#) [7A-](#)
[11.0592MBBK-T](#) [ABM12-103-24.000MHZT](#) [CS325S25000000ABJT](#) [ABM3B-25.000MHZ-B2-X-T](#) [FC-135 32.7680KA-A5](#) [FX0800015](#)