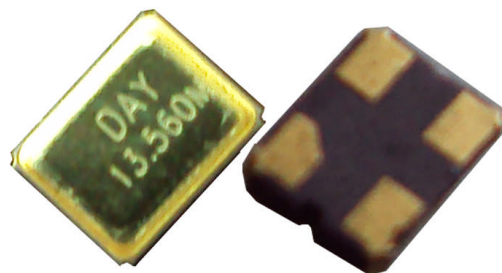


Quartz Crystal Series

1612B

Features

- ◆RoHS Compliant
- ◆Ceramic/metal package



Electrical Specifications

Item	Specifications	Remarks
Nominal Frequency Range	26.000MHz to 80.000MHz	Fund.; AT-Cut
Frequency Tolerance	±20ppm(Standard) at 25℃±3℃	Others are offered
Load Capacitance	Fund.:8pF to 12pF	Please specify
Series Resistance	As ESR table	
Shunt Capacitance	3pF Max	
Drive Level	200μW Max	
Operating Temperature	-20℃ to +70℃(Standard)	Others are offered
Storage Temperature	-55℃ to +125℃	
Stability vs. Temperature	±20ppm(Standard)	Others are offered
Insulated Resistance	500MΩ	Minimum
Aging	±2ppm/year	Maximum

ESR(Series Resistance)

Frequency(MHz)	Mode	Ohm Max	Frequency(MHz)	Mode	Ohm Max
26.000~32.000	Fund.;AT	120	38.001~80.000	Fund.;AT	60
32.001~38.000	Fund.;AT	90			

Stability vs. Temperature

◆ Standard		1	2	3	5	6	7	Remarks
◇ Please specify		±10ppm	±20ppm	±30ppm	±50ppm	±15ppm	±25ppm	
B	-10℃ to +60℃	◇				◇		
C	-20℃ to +70℃	◇	◆	◇	◇	◇	◇	Standard
D	-40℃ to +85℃		◇	◇	◆	◇	◇	

Ordering Information

Q	R	Type	Pin	XX.XXXX	M	Mode	CL pF	Freq.Tolerance at 25℃	Operating Temp.	Stability Vs. Temp.	Option
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Q:Quartz 11: 1.6*1.2mm B:4 Center frequency 26.0 to 80.0MHz M: MHz F:Fund.;AT See Table ±10ppm to ±50ppm See Table See Table F:Lead Free Blank:T&R

Example:QR11B26.0000MFF2C2F (Crystal,SMD 1.6*1.2mm,26.0000MHz,4pins,8pF,+/-20ppm,-20 to +70deg,+/-20ppm.T&R,Lead free)

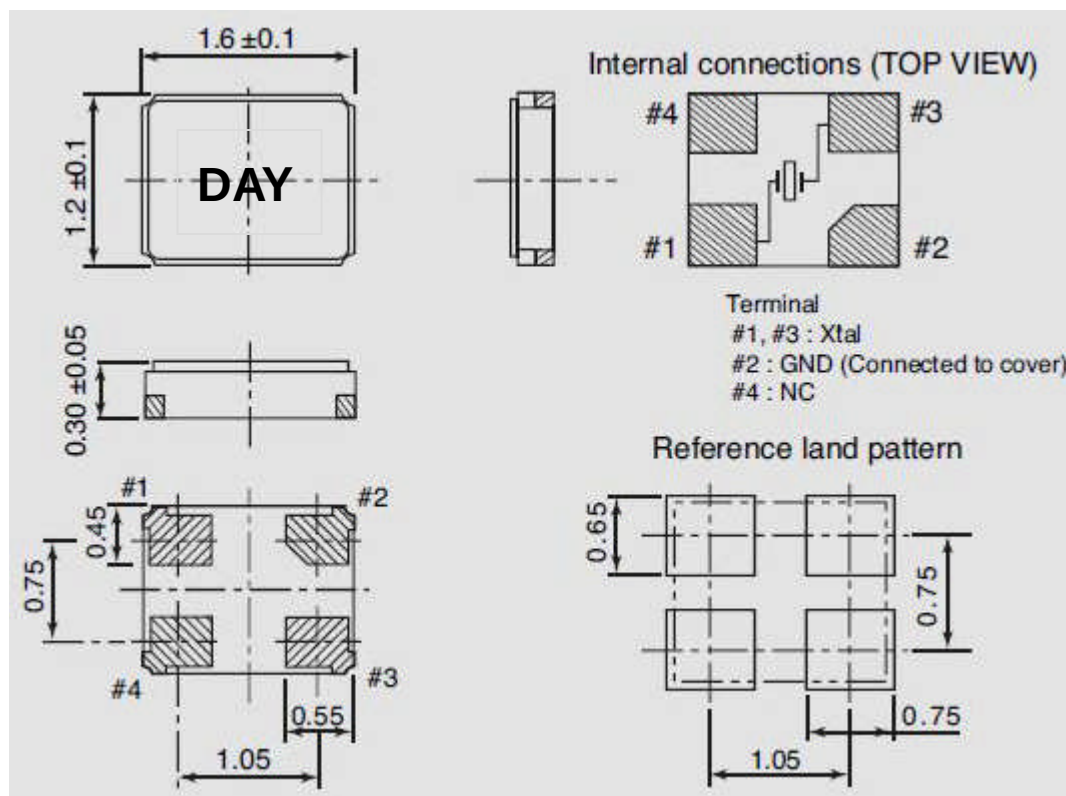
Load Capacitance Codes

8pF:	F	9pF:	B	10pF:	R	12pF:	T
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Quartz Crystal Series

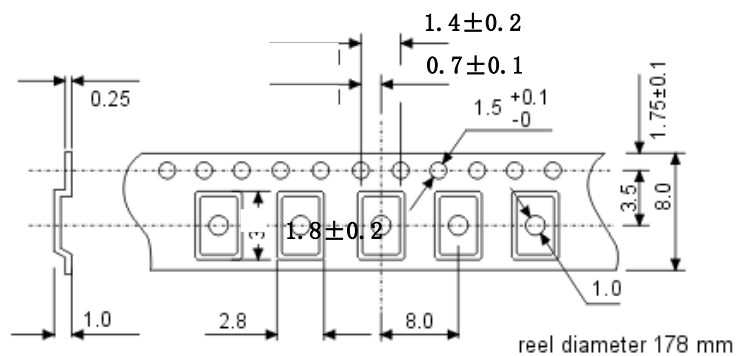
1612B

Dimensions



Unit:mm

Taping Specification



3000pcs/Reel

Reflow Soldering Profile

