

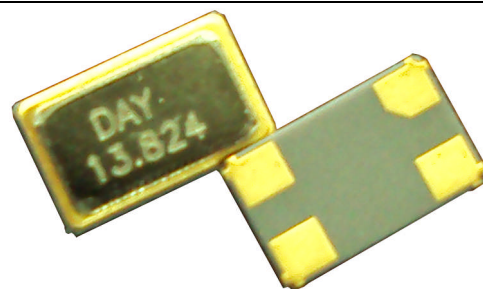
Quartz Crystal Series

4025B

Features

◆RoHS
Compliant

◆Ceramic/metal package



Electrical Specifications

Item	Specifications	Remarks
Nominal Frequency Range	10.000MHz to 66.000MHz	Fund.; AT-Cut
Frequency Tolerance	±20ppm(Standard) at 25°C±3°C	Others are offered
Load Capacitance	Fund.:9pF to 16pF	Please specify
Series Resistance	As ESR table	
Shunt Capacitance	5pF Max	
Drive Level	100μW Max	
Operating Temperature	-20°C to +70°C(Standard)	Others are offered
Storage Temperature	-55°C to +125°C	
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
10.000~15.999	Fund.;AT	70			
16.000~66.000	Fund.;AT	50			

Stability vs. Temperature

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

Ordering Information

Q	R	Type	Pin	XX.XXXX	M	Mode	CL pF	Freq.Tolerance at 25°C	Operating Temp.	Stability Vs. Temp.	Option
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Q:Quartz 42: 4.0*2.5mm B:4 Center frequency 10.0 to 66.0MHz M: MHz F:Fund.;AT See Table ±10ppm to ±50ppm See Table See Table F:Lead Free Blank:T&R

Example:QR42B16.0000MFT2C2F

(Crystal,SMD4.0*2.5mm,16.0000MHz,4pins,12pF,+/-20ppm,-20 to +70deg,+/-20ppm.T&R,Lead free)

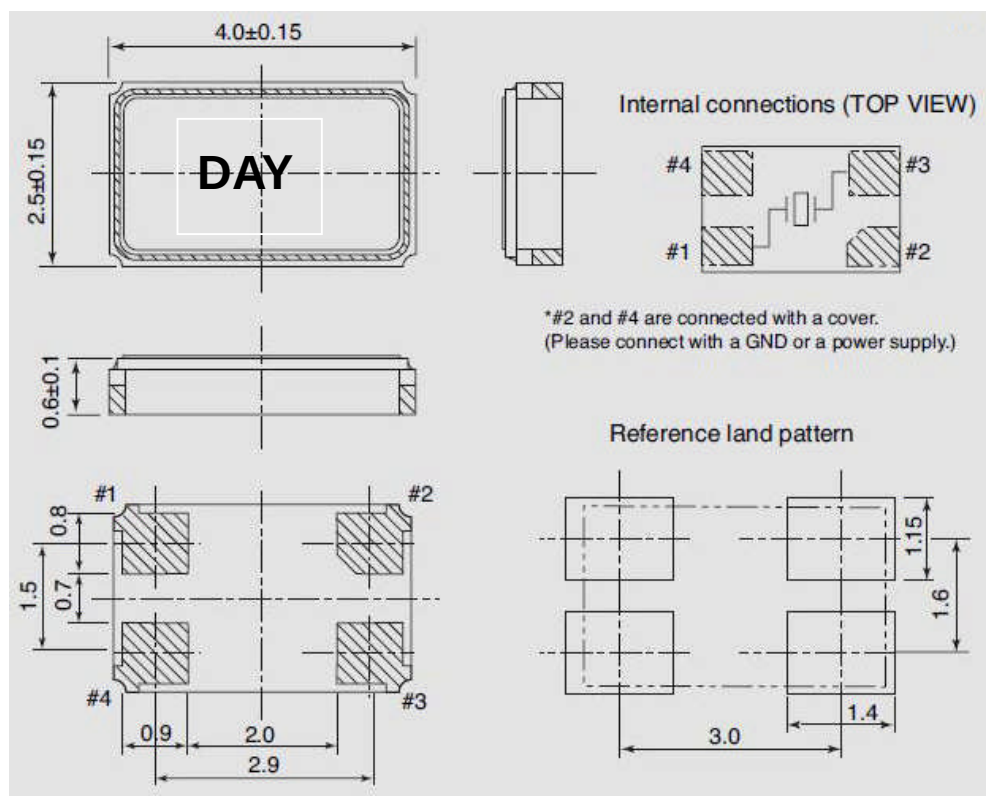
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Load Capacitance Codes

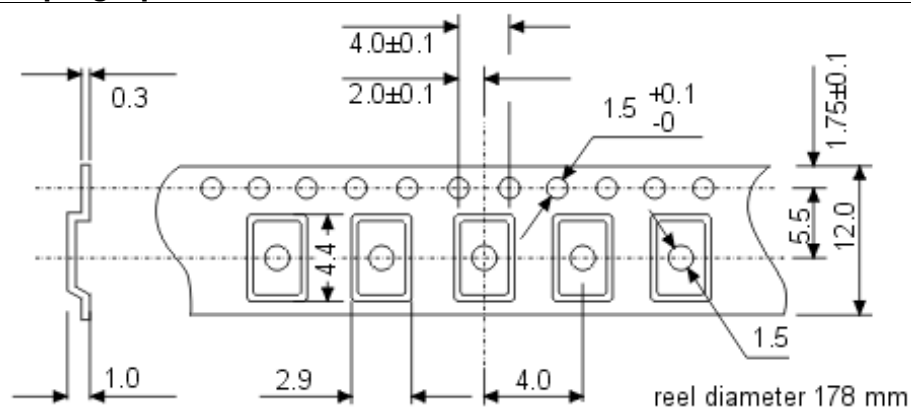
7pF: E	8pF: F	9pF: B	10pF: R
12pF: T	15pF: H	16pF: I	18pF: J
20pF: K	22pF: L	25pF: G	27pF: M
30pF: N	32pF: P	33pF: W	Series: S

Dimensions



Unit:mm

Taping Specification



3000pcs/Reel

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Reflow Soldering Profile

