

Quartz Crystal Series

6035B

Features

- ◆RoHS Compliant
- ◆Ceramic /metal package



Electrical Specifications

Item	Specifications	Remarks
Nominal Frequency Range	8.000MHz to 52.000MHz	Fund.; AT-Cut
	40.000MHz to 133.000MHz	3 rd O.T.;AT-Cut
Frequency Tolerance	±20ppm(Standard) at 25℃±3℃	Others are offered
Load Capacitance	Fund.:10pF to ∞,O.T.:5pF to ∞	Please specify
Series Resistance	As ESR table	
Shunt Capacitance	5pF Max	
Drive Level	10μW to 100μW	1000μW 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
8~16	Fund.;AT	80	40~80	3 rd O.T.;AT	80
16~52	Fund.;AT	50	80~133	3 rd O.T.;AT	70

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 63: 6.0*3.5mm B:4 Center frequency 8.0 to 133.0MHz M: MHz F:Fund.;AT See Table ±10ppm to ±50ppm Operating Temp. See Table Stability Vs. Temp. See Table F:Lead Free Blank:T&R

Example:QR63B13.5600MFT1C1F

(Crystal,SMD6.0*3.5mm,4pins,13.5600MHz,12pF,+/-10ppm,-20 to +70deg,+/-10ppm.T&R,Lead free)

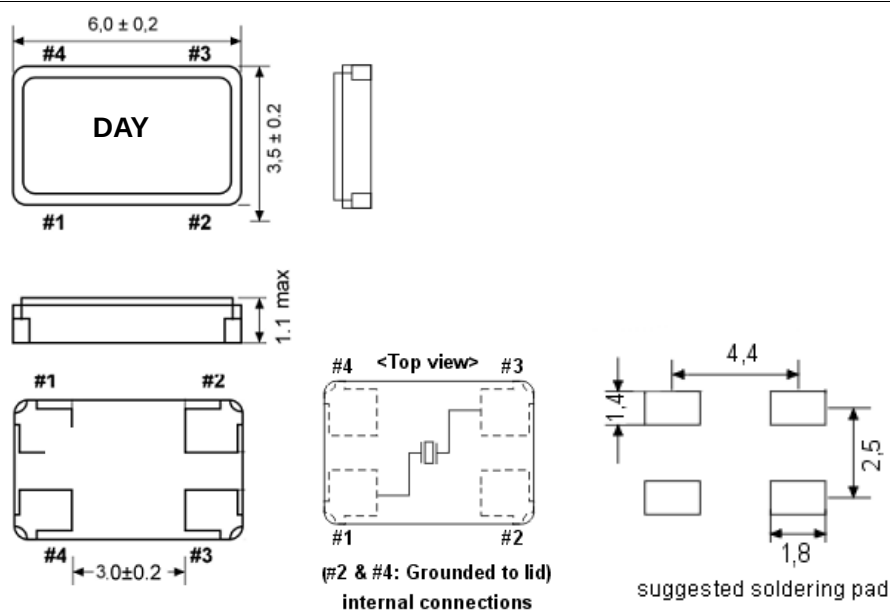
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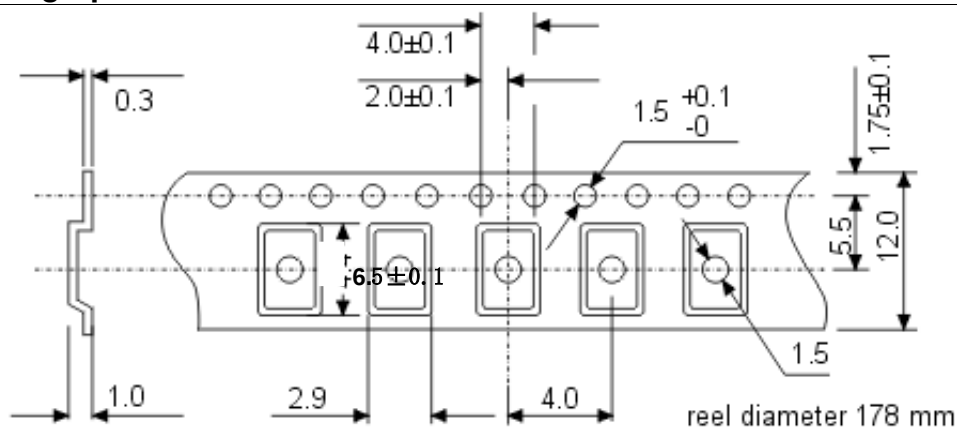
Load Capacitance Codes

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



Taping Specification



1000pcs/Reel

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Reflow Soldering Profile

