

RoHS compliant / Pb free

M520

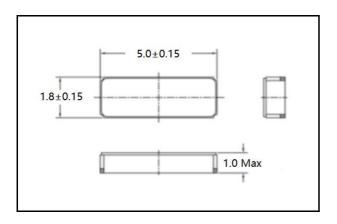
3,000pcs/reel



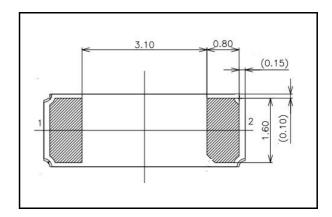
■ FEATURES

- Frequency range: 32.768kHz
- External dimensions (mm)L: 5.0 x W: 1.8 x H: 1.0
- ApplicationsConsumer products

■ DIMENSION [mm]



■ SOLDER PAD LAYOUT [mm]



■ STANDARD SPECIFICATIONS

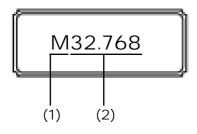
Item	Model	M5 20	Conditions			
Nominal Frequency	fo	32.768kHz				
Frequency Tolerance	Δf/fo	±10ppm / ±20ppm	at 25°C			
Load capacitance	CL	6.0pF / 7.0pF / 9.0pF / 12.5pF	Please specify your requirement			
Operating Temperature Range	Topr	-40°C ~ +85°C				
Storage Temperature Range	Tstr	−55°C ~ +125°C				
Turnover Temperature	Тм	25°C±5°C				
Temperature Coefficient	β	-0.034±0.006ppm/°C ²				
Motional (series) resistance	R ₁	50K Ω Max.	at 25°C			
Level of drive	DL	1 <i>μ</i> W Max.				
Aging (first year)	Δf/fo	±3ppm Max.	25°C±3°C			
Shunt capacitance	C ₀	1.35pF Typ.				

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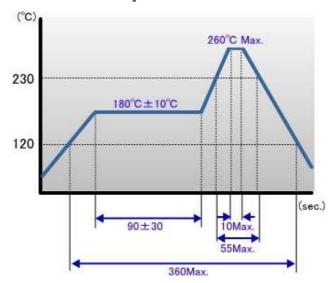
3,000pcs/reel

■ Part Marking [standard]

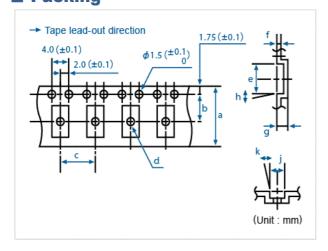


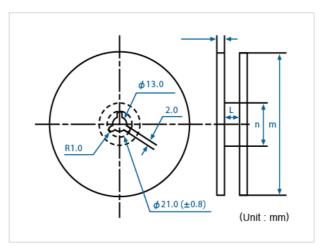
- (1) =Series Code
- (2) =Frequency

■ Reflow profile



■ Packing





Q'ty/reel	а	b	С	$d(\phi)$	е	f	g	h	j	k	I	$m(\phi)$	$n(\phi)$
3,000	12.0	5.5	4.0	1.0	5.3	0.3	1.1	5°	2.1	5°	13.0	180	60

Product specifications are subject to change without notice.