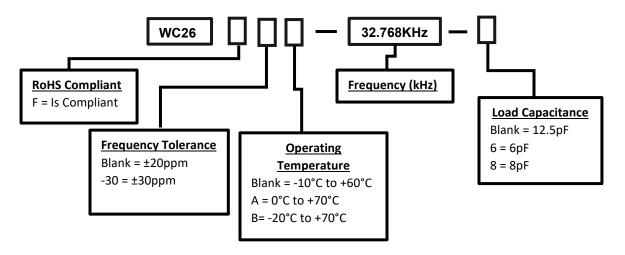


- O 32.768 kHz
- **O Standard Cylindrical Holders**
- **O RoHS and REACH Compliant**

Electrical Specifications

Frequency	32.768kHz	
Frequency Range	30 to 200 kHz	
Frequency Tolerance (at 25°C)	±20ppm (32.768lHz)	
Frequency Tolerance (at 25°C)	±30ppm (For other frequencies not including 32.768lHz)	
Load Capacitance	12.5pF (See Options)	
Operating Temperature Range	-20°C to +70°C (See Options)	
Storage Temperature Range	-40°C to +85°C	
Turnover Temperature	25°C ±5°C	
Frequency Stability	-0.035 ppm ±0.01ppm / (Change in °C) ² Max, Parabolic Curve	
Equivalent Series Resistance (ESR)	35k Ohms Max (32.768lHz)	
Equivalent Series Resistance (ESR)	50k Ohms Max (For other frequencies not including 32.768lHz)	
Drive Level	1 μWatt Max	
Aging (at 25°C± 3°C)	±3ppm/Year Max (32.768lHz)	
Aging (at 25°C± 3°C)	±5ppm/Year Max (For other frequencies not including	
	32.768lHz)	
Quality Factor	70,000 Typ	
Shunt Capacitance (Co)	0.8 ~ 1.7pF Typ	
Insulation Resistance	500 Mohms Min (at 100Vdc ±15Vdc)	

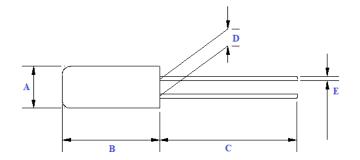
Part Number Guide



Please consult with MMD sales department for any other parameters or options.



Mechanical Details



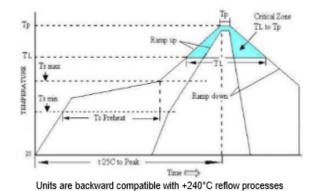
Dimension Table	
A	Ø 2.1 MAX
В	6.2 MAX
С	5.7 MIN
D	0.7 ± 0.2
E	Ø 0.25 ± 0.1

Sealing Method = Pressure Sealing

Tape & Reel Dimensions

1,000 pcs/bag

Pb Free Solder Reflow Profile



Ts max to T _L (Ramp-up Rate)	3°C / second max
Preheat	
Temperature min (Ts min)	150°C
Temperature typ (Ts typ)	175°C
Temperature max (Ts max)	200°C
Time (Ts)	60 to 180 seconds
Ramp-up Tate (T _L to Tp	3°C / second max
Time Maintained Above	
Temperature (T _L)	217°C
Time (T _{L)}	60 to 150 seconds
Peak Temperature (Tp)	260°C max for 10
reak remperature (1p)	seconds
Time within 5°C to Peak	20 to 40 seconds
Temperature (Tp)	20 to 40 Seconds
Ramp-down Rate	6°C / second max
Tune 25°C to Peak Temperature	8 minutes max

Mouser Electronics

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ABRACON:

WC26F-32.768KHZ