

Travelling Merchant: _____

DATASHEET

Standard: **DPAF32768004**

| Plot | | | The Label |
|------------------|---------|----------|------------------------|
| Drew | Audited | Approved | Stamp, please! Thanks! |
| | | | |
| Date: 2021.09.14 | | | |

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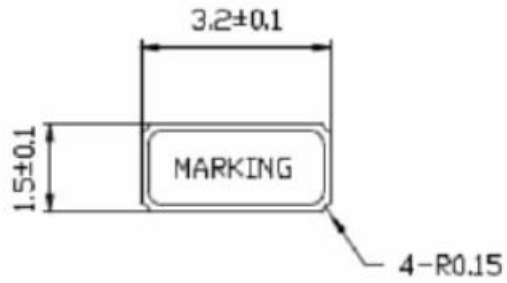


1、 Electrical Parameters

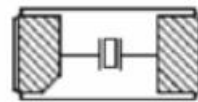
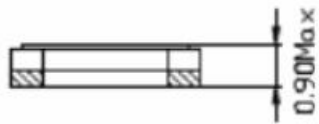
| MODEL: DPAF32768004 | | | | | | | |
|---------------------|------------------------------|------|------------------|------|-------|---------------------|--------------|
| No. | Parameters | SYM. | Electrical Spec. | | | | Notes |
| | | | Min. | Typ. | Max. | Units | |
| 1 | Nominal Frequency | FL | 32.768 | | | KHz | |
| 2 | Oscillation Mode | - | Fundamental | | | - | |
| 3 | Load Capacitance | CL | 9 | | | pF | |
| 4 | Frequency Tolerance | - | -20 | ~ | +20 | $\times 10^{-6}$ | at 25°C± 3°C |
| 5 | Parabolic Coefficient | - | -0.02 | ~ | -0.04 | PPM/°C ² | |
| 6 | Operating Temperature | - | -40 | ~ | +85 | °C | |
| 7 | Storage Temperature Range | - | -55 | ~ | +125 | °C | |
| 8 | Aging | - | -3 | ~ | +3 | $\times 10^{-6}$ | Per year |
| 9 | Drive Level | DL | - | 0.1 | 0.5 | μW | |
| 10 | Equivalent Series Resistance | Rr | - | - | 70 | KΩ | at 25°C± 3°C |
| 11 | Shunt Capacitance C0 | C0 | - | 1.1 | - | pF | |
| 12 | Motional Capacitance | C1 | - | 4.1 | - | fF | |
| 13 | Insulation Resistance | - | 500 | - | - | MΩ | at DC 100V |
| 14 | Quality Factor | Q | 13 | | | K | |



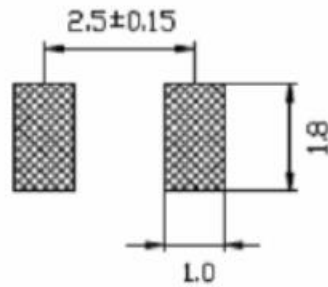
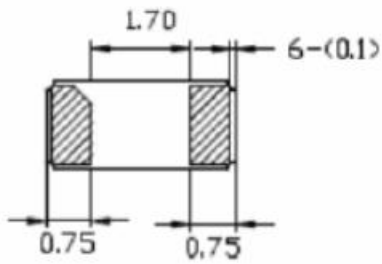
2、Mechanical Structure(mm)



<TOP VIEW>

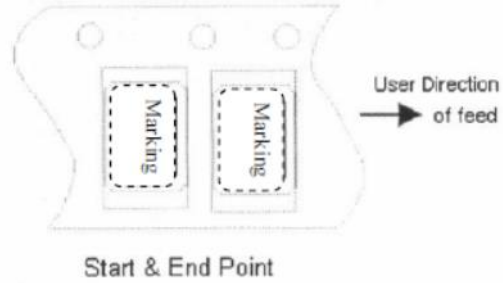
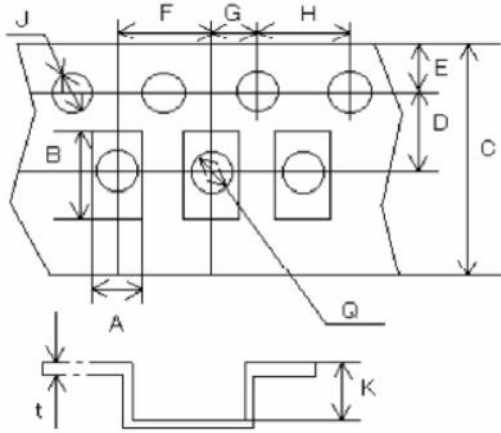


LAND PATTERN(REFERENCE)





3、 Package: Tape & Reel (mm)



| A | B | C | D | E | F | G | H | J | K | t |
|------|------|------|-----|------|-----|-----|-----|-----|-----|------|
| 1.75 | 3.45 | 12.0 | 5.5 | 1.75 | 4.0 | 2.0 | 4.0 | 1.5 | 1.0 | 0.25 |

REMARK :

