

# PRODUCT DATASHEET

Electrical testing accordance with:

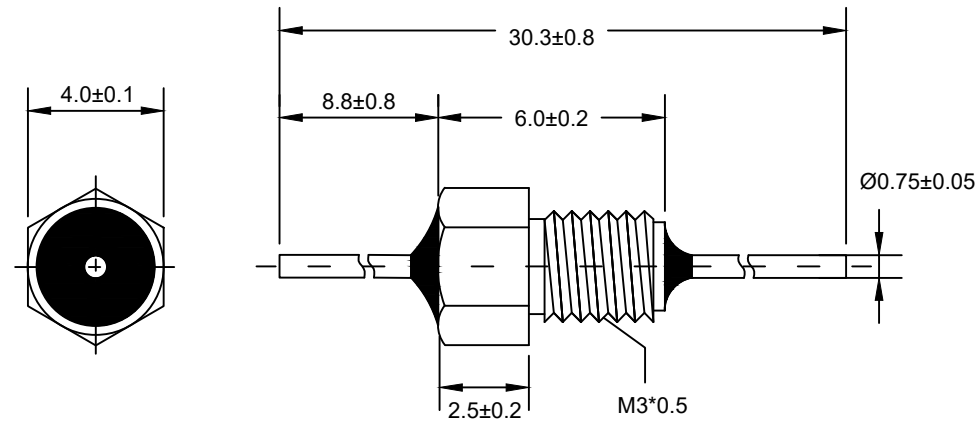
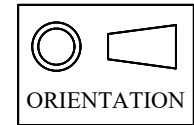
《GB/T5968-2011》

《GB/T5966-2011》

LCA standard test

Do not Scale this Drawing

Unit : mm



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                |                    |               |        |                  |                 |                |                                   |                                  |                                                                                       |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------|---------------|--------|------------------|-----------------|----------------|-----------------------------------|----------------------------------|---------------------------------------------------------------------------------------|--|
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Cap. Tolerance | Dissipation Factor | Rated Voltage | D.W.V. | Rated Current(A) | I.R.(100VDC)    | Temp. Coef.    | Temp. Range                       |                                  |                                                                                       |  |
| 10pF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -20%+80%       | ≤3%                | 100VDC        | 300VDC | 7                | ≥10GΩ           | NPO            | -55℃+125℃                         |                                  |                                                                                       |  |
| Min. No Load Insertion Loss (dB)@25℃                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |                    |               |        |                  |                 | Install Torque | Soldering Temp                    | CIRCUIT                          |                                                                                       |  |
| 10KHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 100KHz         | 1MHz               | 10MHz         | 100MHz | 1GHz             | 10GHz           |                |                                   |                                  |                                                                                       |  |
| --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | --             | --                 | --            | --     | 5                | 15              | 0.16 N·m       | ≤300℃/3S                          | C                                |  |  |
| <p>Material and other parameter note:</p> <p>1. The case material is nickel-plated brass, and the lead material is silver-plated brass.</p> <p>2. Encapsulated with epoxy resin.</p> <p>3. The above data is measured under 25℃ conditions, and the electrical performance test frequency is 100KHz/1V.</p> <p>4. It is recommended to use a soldering iron for soldering. Immersion soldering is strictly prohibited, and the capacitor body must not be struck with hard objects.</p> |                |                    |               |        |                  | Revision Record | 200820-01      | Product Series                    | Thread Mount Feedthrough Filters |                                                                                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                |                    |               |        |                  |                 | 260120-01      | <div>LCA®<br/>made in China</div> | <div>L4030-001N</div>            |                                                                                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                |                    |               |        |                  |                 |                |                                   |                                  |                                                                                       |  |