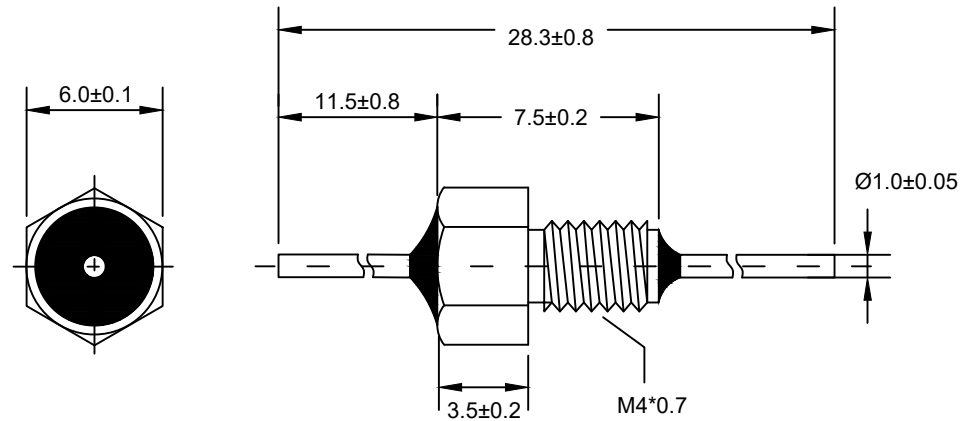
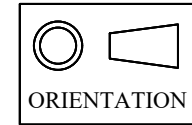


# PRODUCT DATASHEET

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                       |                                  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------|---------------|--------|------------------|-----------------|----------------|-----------------------------------|----------------------------------|--|--|
| 1000pF                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -20%+80%       | ≤3.5%              | 100VDC        | 300VDC | 10               | ≥3000MΩ         | X7R            | -55℃+125℃                         |                                  |  |  |
| Min. No Load Insertion Loss (dB)@25℃                                                                                                                                                                                                                                                                                                                                                                                                                           |                |                    |               |        |                  |                 | Install Torque | Soldering Temp                    | CIRCUIT                          |  |  |
| 10KHz                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 100KHz         | 1MHz               | 10MHz         | 100MHz | 1GHz             | 10GHz           |                |                                   |                                  |  |  |
| --                                                                                                                                                                                                                                                                                                                                                                                                                                                             | --             | --                 | 5             | 15     | 30               | 40              | 0.3 N·m        | ≤300℃/3S                          | C                                |  |  |
| Material and other parameter note:<br>1. The case material is silver-plated brass, and the lead material is silver-plated brass.<br>2. Encapsulated with epoxy resin.<br>3. The above data is measured under 25℃ conditions, and the electrical performance test frequency is 1KHz/1V.<br>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. |                |                    |               |        |                  | Revision Record | 160623-01      | Product Series                    | Thread Mount Feedthrough Filters |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                    |               |        |                  |                 | 260123-01      | LCA <sup>®</sup><br>made in China | <b>L6040-001</b>                 |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                    |               |        |                  |                 |                |                                   |                                  |  |  |