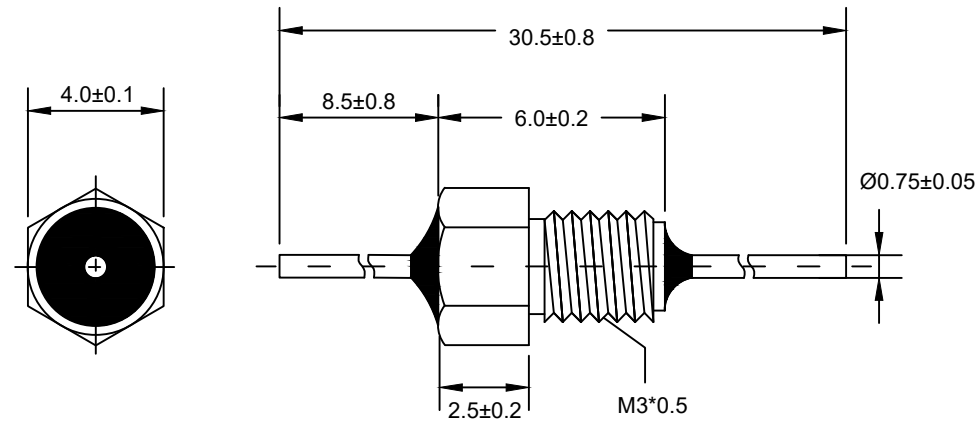


# PRODUCT DATASHEET

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    |                                   |                                                                                       |  |
| 5500pF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -10%+10%       | ≤3.5%              | 100VDC        | 300VDC | 7                | ≥3000MΩ         | X7R            | -55℃+125℃      |                                   |                                                                                       |  |
| Min. No Load Insertion Loss (dB)@25℃                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |                    |               |        |                  |                 | Install Torque | Soldering Temp | CIRCUIT                           |                                                                                       |  |
| 10KHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 100KHz         | 1MHz               | 10MHz         | 100MHz | 1GHz             | 10GHz           |                |                |                                   |                                                                                       |  |
| --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | --             | --                 | 15            | 30     | 42               | 52              | 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 1KHz/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 | 240814-01      |                | Product Series                    | Thread Mount Feedthrough Filters                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                    |               |        |                  |                 | 260123-01      |                | <div>LCA®<br/>made in China</div> | <div>L4030-098N</div>                                                                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                    |               |        |                  |                 |                |                |                                   |                                                                                       |  |