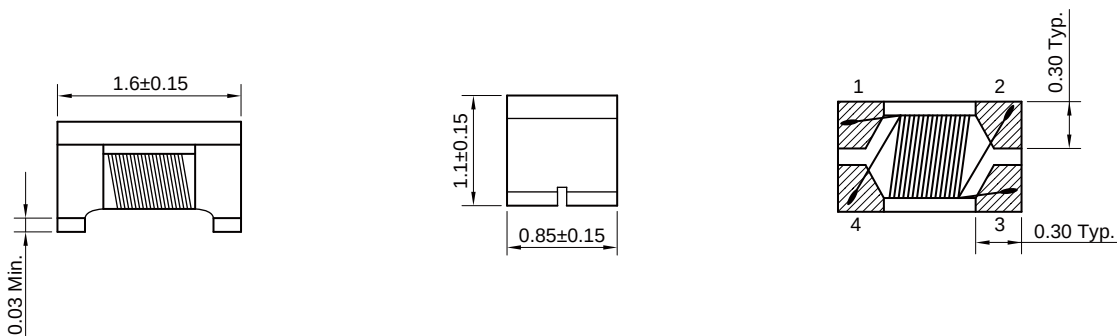


## Common Mode Filter Size 1608



- High common mode impedance for outstanding noise suppression performance.
  - Realize small size and low profile.
  - Operating temperature -40~+125 °C (Including self - temperature rise)
  - Excellent solderability
- 
- USB2.0 lines for PC, TV, Peripheral equipments
  - Standard signal lines
  - Audio lines

### Dimensions: [mm]



### Schematic:



### Electrical Properties:

| Part No        | Impedance<br>@ 100 MHz | Tolerance | DC Resistance<br>Max. | Rated Current<br>Max. | Rated Volt<br>Max. | Withstand Volt<br>Max. | IR<br>Min. |
|----------------|------------------------|-----------|-----------------------|-----------------------|--------------------|------------------------|------------|
| SCM1608-220-05 | 22                     | ±25%      | 0.080                 | 500                   | 50                 | 125                    | 10         |
| SCM1608-450-05 | 45                     | ±25%      | 0.110                 | 500                   | 50                 | 125                    | 10         |
| SCM1608-900-05 | 90                     | ±25%      | 0.145                 | 550                   | 50                 | 125                    | 10         |
| SCM1608-121-04 | 120                    | ±25%      | 0.175                 | 450                   | 50                 | 125                    | 10         |
| SCM1608-181-05 | 180                    | ±25%      | 0.210                 | 500                   | 50                 | 125                    | 10         |
| SCM1608-251-04 | 250                    | ±25%      | 0.280                 | 400                   | 50                 | 125                    | 10         |

# Typical Electrical Characteristics:

## Impedance VS Frequency

