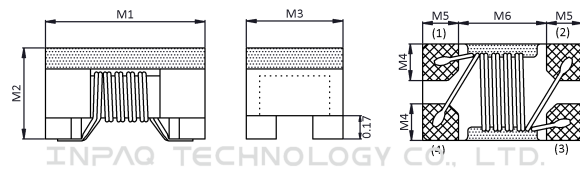
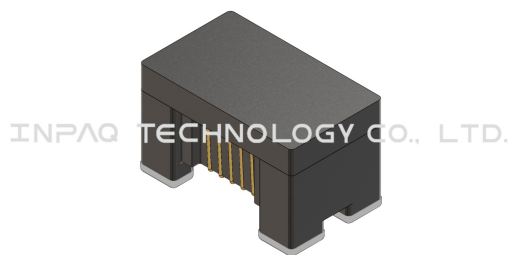


# SCM2012FS161M



## Appearance & Shape



| Series    | M1      | M2       | M3       | M4        | M5        | M6        |
|-----------|---------|----------|----------|-----------|-----------|-----------|
| SCM2012FS | 2.0±0.2 | 1.20±0.2 | 1.20±0.2 | 0.40 TYP. | 0.45 TYP. | 1.10 TYP. |

Unit:mm

注意 NOTICE: All Specifications are subject to change without notice.

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2. 本文件僅說明參考標準規格，如需訂購，請依實際核准所需規格進行申辦。

## Specification

|                                                               |           |
|---------------------------------------------------------------|-----------|
| L size(mm)                                                    | 2.0±0.2   |
| W size(mm)                                                    | 1.2±0.2   |
| T size(mm)                                                    | 1.2±0.2   |
| Size code inch (mm)                                           | 0805/2012 |
| Impedance(Ω)                                                  | 160       |
| Tolerance                                                     | M(±20%)   |
| Test Frequency(MHz)                                           | 100       |
| DCR(Ω) Max.                                                   | 0.35      |
| Rated Current(mA) Max.                                        | 350       |
| Rated Voltage (Vdc)                                           | 50        |
| Withstand Voltage (Vdc)                                       | 125       |
| InsulationResistance125VDC(MΩ)min.                            | 10        |
| OperatingTemperaturerange(includingself-temperaturerising) °C | -25~+125  |

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## Notices

- 1.1. Small wire-wound SMD common mode filter: 2.0x1.2x1.2mm.
- 1.2. It can suppress noise for high-speed differential signal lines without destroying signal waveforms.
- 1.3. Maintain the required common-mode filtering characteristics, the impedance to common-mode noise can be cleared, and has excellent EMC suppression ability.
- 1.4. The differential mode impedance is suppressed and has almost no effect on high-speed signals.

## Packing

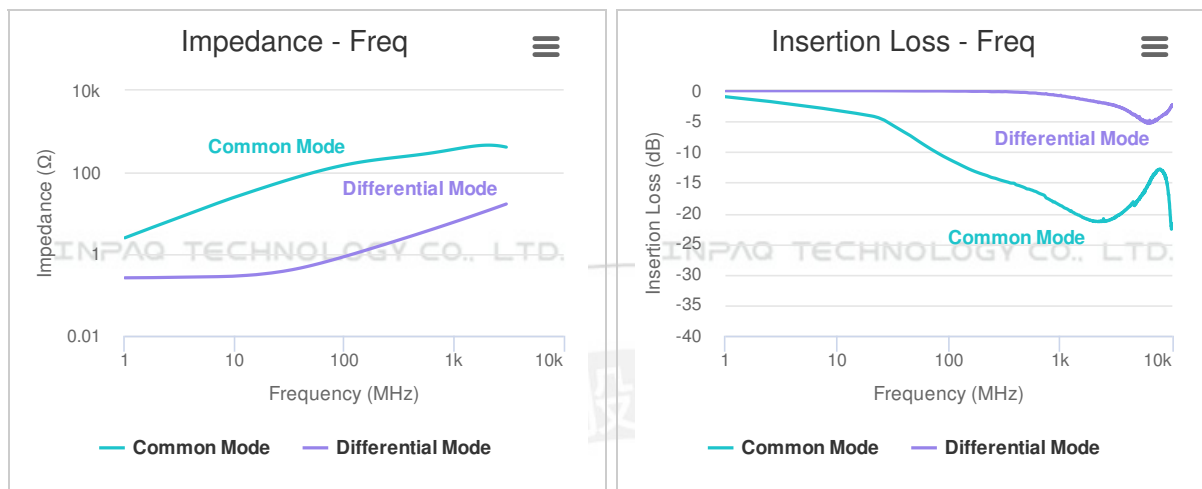
| Packing Reel(Inch) | Carrier Tape | Standard package quantity(KPCS) | Piece weight(gram) | MSL Level |
|--------------------|--------------|---------------------------------|--------------------|-----------|
| 7                  | Plastic type | 2                               | 0.012              | 1         |

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## Characteristic curve



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