**SCM05** USB 3.0 Common Mode Choke

**Features**
- Miniature SMD common mode filter
- Excellent noise attenuation in a small package
- Suitable for automated assembly
- Excellent solderability

**Electrical**
- **Impedance range:** 60Ω to 160Ω
- **Tolerance:** 20% over entire range
- **Test Frequency:** 100MHz
- **Operating Temp:** -25°C ~ 85°C
- **IDC:** Inductance drop 10% Typ. from original value with no current
- **DCR:** Single Wire Test Value

**Resistance to Solder Heat**
- **Pre-Heat:** 150°C, 1 minute
- **Solder Composition:** Sn/Ag3.0/Cu0.5
- **Solder Temp:** 260°C peak for 10 sec.
- **Test time:** 6 minutes

**Test Equipment**
- **Impedance:** HP4286A / HP4287A / Agilent E4991A
- **(DCR):** Chen Hwa 502BC
- **Insulation Resistance:** HP4339B
- **(IDC):** HP4284A with HP42841A / HP4285A with HP42841A

**Physical**
- **Packaging:** 2000 pieces per 7 inch reel
- **Marking:** None

---

![Dimensions](image)

**SCHEMATIC**

**Impedance vs. Frequency Graph**