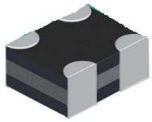


SMD Common Mode Choke - SCMM-H Series



SCMW-H Series For For HDMI,MIPI,MHL USB 3.0



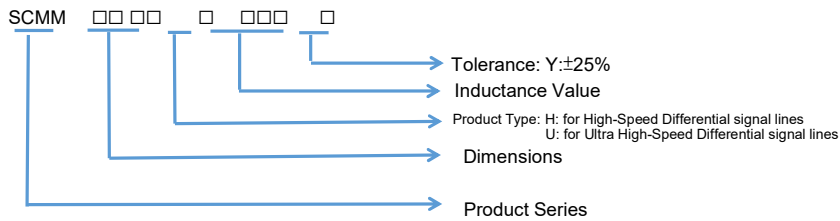
Features:

- RoHS Compliant
- Effective for suppressing common mode noise at high frequency
- Excellent solderability characteristics
- Small size & low profile
- Multilayer type SMD component based on LTCC technology

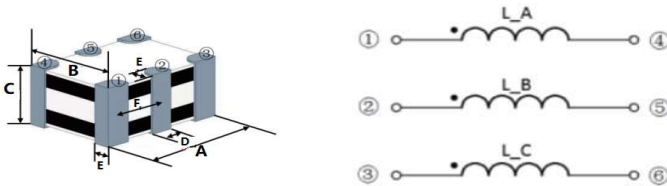
Applications:

- Common mode noise suppression for high speed differential signal lines, such as MIPI, MHL, HDMI in mobile, tablet PC, TV etc.

Product Identification



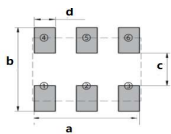
Dimensions-mm



Dimensions-mm

TYPE	A	B	C	D	E	F
SCMM0906H	0.90±0.05	0.68±0.05	0.40±0.05	0.15+0.10	0.12+0.10	0.35±0.10

Recommended Pad Layout



Dimensions-mm

TYPE	a	b	c	d	e
SCMM0906H	0.88	0.90	0.35	0.18	0.25

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Electrical Characteristics

Part No.	Impedance (Ω)	Tolerance (±%)	Test Frequency (MHz)	RDC (Ω)Max.	IDC (mA)Max.	Withstand Voltage (Vdc)	Insulation Resistance (MΩ)Min
SCMM0906H-300	30	20	100	4.00	20	12.5	100

Note:

1. tolerance M=±20%
2. Operating temperature range - 40°C ~ 85°C(Including self - temperature rise)
3. IDC for DC current(A) that will cause an approximate ΔT of 40°C
4. Measure Equipment :
 Z : Agilent HP4287A+Agilent 16197A
 RDC : HP4338B or Chroma 16502 (Single Wire Test Value)
 I_{rms} : HP4284A+HP42841A/HP4285A+HP42841A
 Insulation Resistance : Agilent HP4339B
 Temperature:26±3°C
 Humidity:<70% RH

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Curve:

SCMM0906H Series

