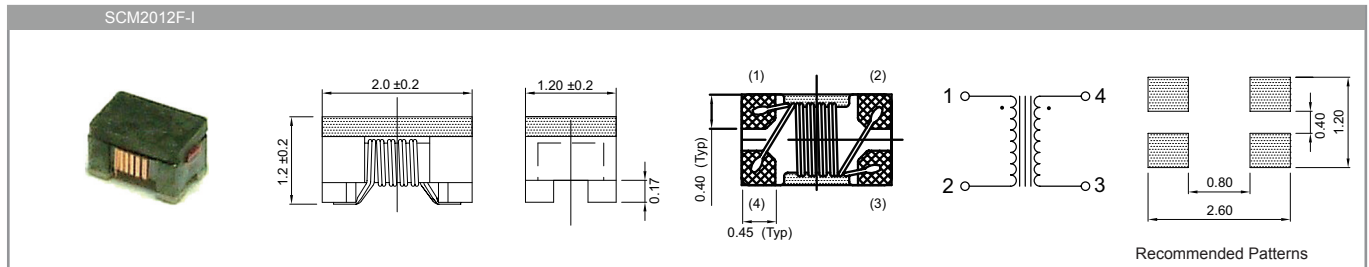


# SMD COMMON MODE CHOKE COILS

SCM2012F-I Series (SHIELDED)

## Mechanical Dimensions (Unit: mm)



## Electrical Specification

Part Number	Impedance @100MHz (Ω)	Rated Current (mA)	DCR (Ω) Max.	Rated Voltage (Vdc)	Withstand Voltage (Vdc)	Insulation Resistance @125VDC (MΩ) Min.
SCM2012F-670M-I-LRH	67	400	0.25	50	125	10
SCM2012F-900M-I-LRH	90	330	0.35			
SCM2012F-121M-I-LRH	120	370	0.30			
SCM2012F-181M-I-LRH	180	330	0.35			
SCM2012F-261M-I-LRH	260	300	0.40			
SCM2012F-371M-I-LRH	370	280	0.45			
SCM2012F-601M-I-LRH	600	240	0.60			

a. Tolerance : M $\pm$ 20%

b. Small size, low profile.

c. Various common mode impedance from 67Ω to 600Ω.

d. Operating Temp. : -40°C to +125°C

e. Storage temperature : -40°C to +125°C

f. Temperature rise : 15°C

g. Impedance measured using the HP4291B RF Impedance Analyzer.

h. DCR measured using the 16502 milli-ohm meter.

## Applications

- » Common mode noise suppression of signal lines in high speed and high-density digital equipment such as personal computers and peripherals.
- » Suitable for differential signal line such as USB2.0, IEEE1394 and LVDS, Capable of high speed signal transmission without distortion due to its high coupling.

## Characteristic Curve

- SCM2012F-I

