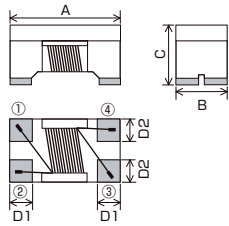
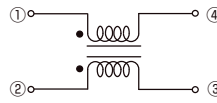


Wire-wound Common Mode Filter applicable to automated mounting on PC board.

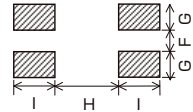
Outside dimensions



Equivalent circuit



Recommended pad dimensions



KWCM-HDMI Series

- Wire-wound Common Mode Filter optimal for the signal HDMI. (reflow applicable)
- Matching the characteristic impedance of 100Ω.
- Smaller negative effect to high speed differential signal due to the lower insertion-loss.

Part Number Guide

KWCM - 2012 - HDMI - 900 T
 (1) (2) (3) (4) (5)

- (1) Product classification
- (2) Size
- (3) Type
- (4) Impedance
- (5) Packing specification

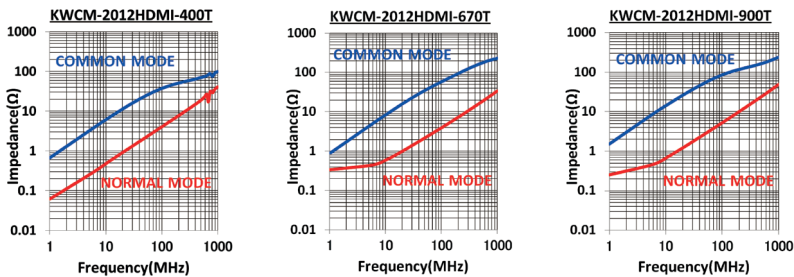
Unit: mm

Part Number / Size	A	B	C	D1 TYP	D2 TYP	F TYP	G TYP	H TYP	I TYP
KWCM-2012HDMI	2.0±0.2	1.2±0.2	1.2±0.2	0.45	0.4	0.4	0.4	0.8	0.9

Electrical characteristics

Part No.	Common Mode Impedance (Ω) at 100MHz	DC Resistance (Ω) max.	Rated Current (mA.) max.	Rated Voltage (V) max.
KWCM-2012HDMI-400T	≧ 40±25%	0.25	400	50 (DC)
KWCM-2012HDMI-670T	≧ 67±25%	0.25	400	50 (DC)
KWCM-2012HDMI-900T	≧ 90±25%	0.30	400	50 (DC)

Impedance vs Frequency characteristics



※The values are measured data for reference, not guaranteed.