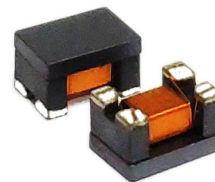


Common Mode Filters

For automobile signal line



FEATURE

- Compatible with an operating temperature range of -40 to $+105^{\circ}\text{C}$, so can be used for vehicle devices requiring compatibility with high temperatures.
- When mounting, the terminal and winding tape splicing part do not fuse.
- Which uses our unique technology, is a product that can achieve $\text{DCR} < 2\Omega$ @ 125°C by reducing the DC resistance while maintaining a high L-value of $100\mu\text{H}$.

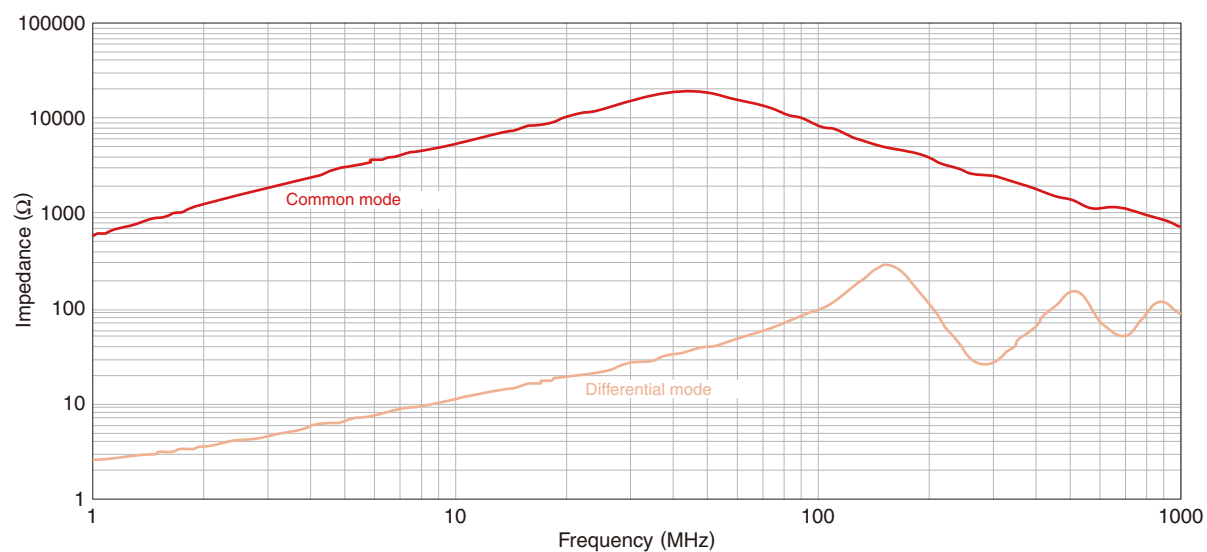
APPLICATIONS

- FlexRay system.

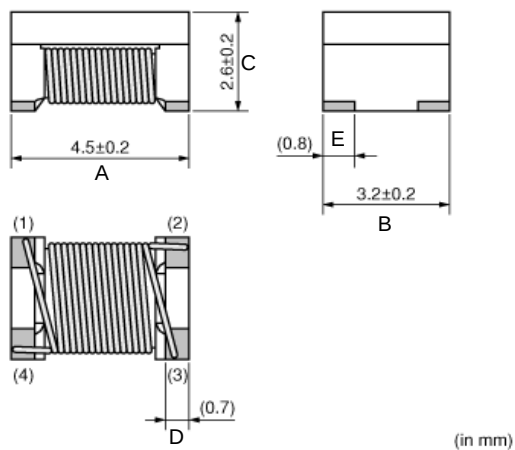
STANDARD ELECTRICAL SPECIFICATIONS

PART NUMBER	Common mode inductance [1MHz] (μH)+50/-30%	Rated voltage (V)max.	Rated current (mA)max.	DC resistance (Ω)max.	Insulation resistance (M Ω)min.
CMF2SMFWI101M	100	50	200	1.5	10

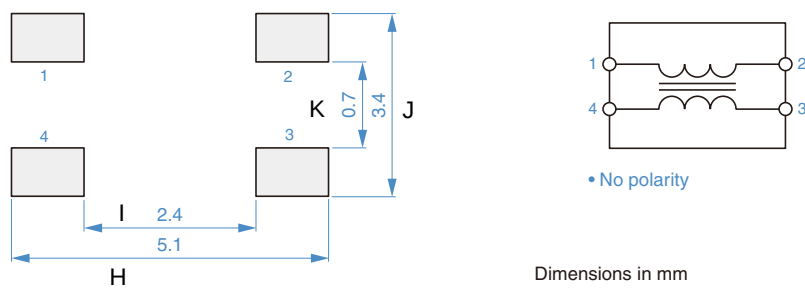
PERFORMANCE GRAPHS: INDUCTANCE AND Q VS. FREQUENCY



DIMENSIONS in inches [millimeters]



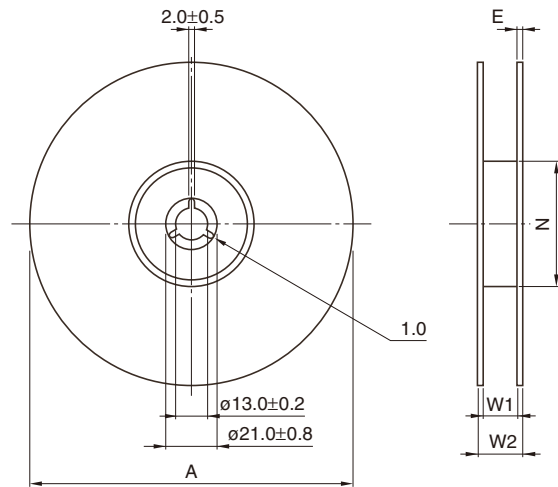
PART NUMBER	A	B	C	D	E
CMF2SMFW1101M	0.177 ± 0.008 [4.5 ± 0.2]	0.126 ± 0.008 [3.2 ± 0.2]	0.110 ± 0.008 [2.8 ± 0.2]	0.028 [0.7]	0.031 [0.8]



PART NUMBER	H	I	J	K
CMF2SMFW1101M	5.1	2.4	3.4	0.7

PACKAGING STYLE

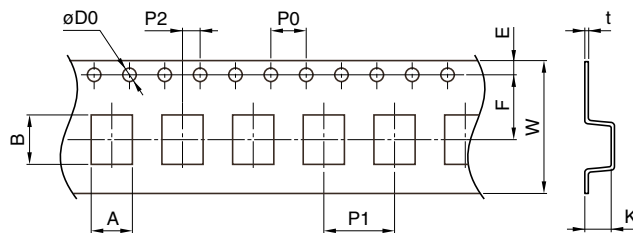
□ REEL DIMENSIONS



Dimensions in mm

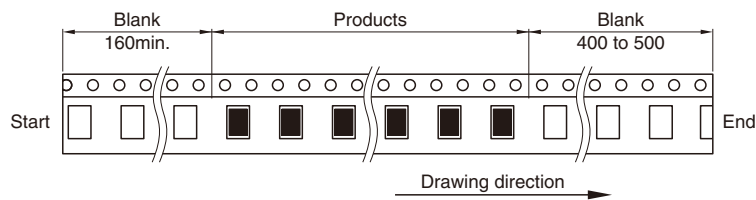
A	W1	W2	N	E
ø330±2	13.5±0.5	17.5±1	100±1	2 typ.

TAPE DIMENSIONS



Dimensions in mm

A	B	øD0	E	F	P0	P1	P2	W	K	t
3.6±0.1	4.9±0.1	1.55±0.05	1.75±0.1	5.5±0.05	4.0±0.1	8.0±0.1	2.0±0.05	12.0±0.2	3.05±0.1	0.3±0.05



Dimensions in mm

☐Quantity Per Reel: 500 pcs