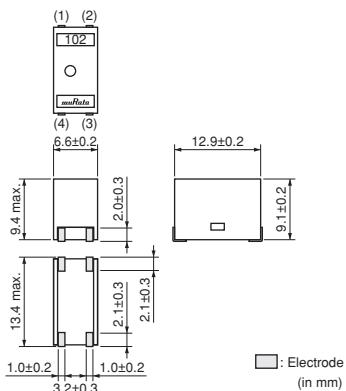


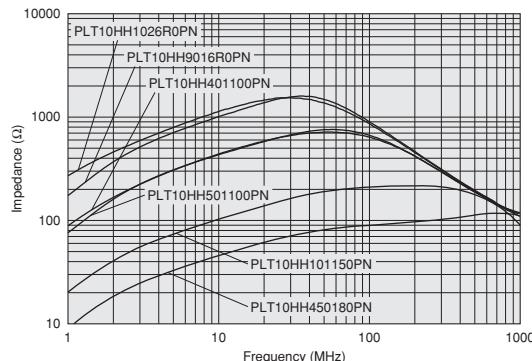
# Large Current Common Mode Coil for Automotive Available

## PLT10H Series

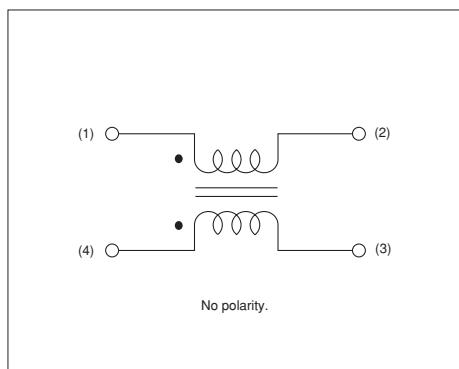
### ■ Dimensions



### ■ Impedance-Frequency Characteristics (Main Items)



### ■ Equivalent Circuit



### ■ Packaging

Code	Packaging	Minimum Quantity
L	180mm Embossed Tape	125
K	330mm Embossed Tape	500
B	Bulk(Bag)	50

### ■ Rated Value (□: packaging code)

Part Number	Common Mode Impedance (at 10MHz/20°C)	Rated Current	Rated Voltage	Insulation Resistance (min.)	Withstand Voltage	DC Resistance	Operating Temperature Range (Self-temperature rise is included)	Inductance
PLT10HH450180PN□	450Ω (Typ.)	18A	300Vdc	10M ohm	750Vdc	1.3m ohm ± 0.5m ohm	-55 to +125°C	0.8µH min.
PLT10HH101150PN□	100Ω (Typ.)	15A	300Vdc	10M ohm	750Vdc	1.8m ohm ± 0.5m ohm	-55 to +125°C	2.0µH min.
PLT10HH401100PN□	400Ω (Typ.)	10A	100Vdc	10M ohm	250Vdc	3.6m ohm ± 0.5m ohm	-55 to +125°C	6µH min.
PLT10HH501100PN□	500Ω (Typ.)	10A	100Vdc	10M ohm	250Vdc	3.6m ohm ± 0.5m ohm	-55 to +105°C	9µH min.
PLT10HH9016R0PN□	900Ω (Typ.)	6A	100Vdc	10M ohm	250Vdc	8.0m ohm ± 0.5m ohm	-55 to +125°C	14µH min.
PLT10HH1026R0PN□	1000Ω (Typ.)	6A	100Vdc	10M ohm	250Vdc	8.0m ohm ± 0.5m ohm	-55 to +105°C	20µH min.

Number of Circuit: 1

Continued on the following page. 

● This data sheet is applied for CHIP COMMON MODE CHOKE COIL used for General Electronics equipment for your design.

#### ⚠ Note:

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2. This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.

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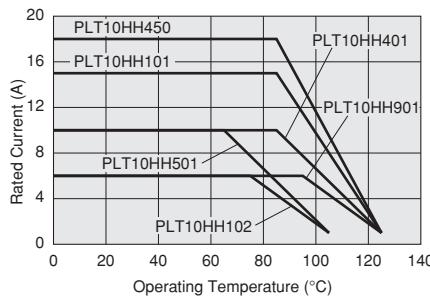
Continued from the preceding page.

## ■ Derating of Rated Current

In operating temperature exceeding +65°C, derating of current is necessary for PLT10H series.

Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



## ■ Caution/Notice

### Caution (Rating)

Do not use products beyond the rated current and rated voltage as this may create excessive heat and deteriorate the insulation resistance.

### Notice

Solderability of Tin plating termination chip might be deteriorated when low temperature soldering profile where peak solder temperature is below the Tin melting point is used. Please confirm the solderability of Tin plating termination chip before use.

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