

PLT10HN401100P0#

“#” indicates a package specification code.

In Production

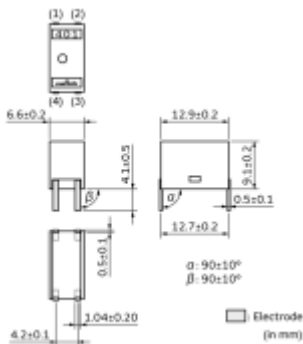
RoHS

REACH

< List of part numbers with package codes >

PLT10HN401100P0B

Appearance & Shape



Features

Features

1. Meets large current up to 15Amax. suitable for power lines.
2. Leaded type.
3. Large common mode impedance up to 400ohm [at 10MHz] enables good noise suppression effect.
4. Wide operating temperature range from -55°C to 125°C. [PLT10HN401100P0/ PLT10HN101150P0]

Application

Common mode noise suppression for power supply lines.

Applications

Other Usage	For general
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Packaging Information

Packaging	Specifications	Minimum Order Quantity
B	Bulk(Bag)	100

Attention

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Specifications

Shape	Lead	Number of Circuit	1
Length	12.9mm	Common Mode Inductance	6μHmin.
Length Tolerance	±0.2mm	Operating Temperature Range(Self-temperature rise is included)	Yes
Width	6.6mm		
Width Tolerance	±0.2mm		
Thickness	9.1mm		
Thickness Tolerance	±0.2mm		
Common Mode Impedance (at 10MHz)	400Ω		
Common Mode Impedance (at 10MHz) Tolerance	(Typ.)		
Rated Current	10A		
Rated Voltage	100Vdc		
Withstanding Voltage	250Vdc		
DC Resistance(max.)	4.1mΩ		
DC Resistance	3.6mΩ±0.5mΩ		
Insulation Resistance(min.)	10MΩ		
Operating Temperature Range	-55°C to 125°C		
Mass(typ.)	2.1g		

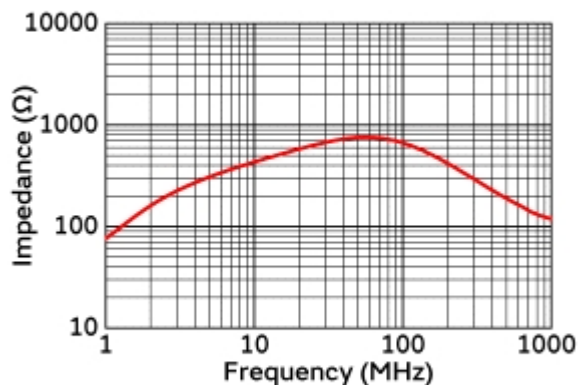
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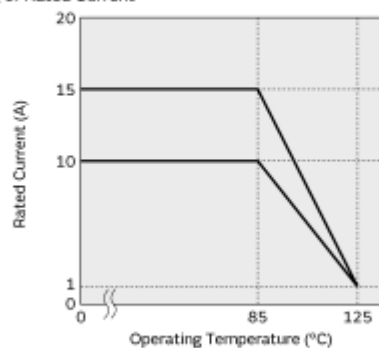
Product Data



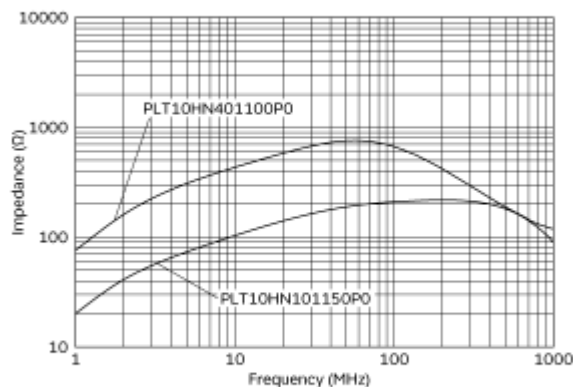
Impedance-Frequency Characteristics

In operating temperature exceeding +85°C, derating of current is necessary for PLT10HN series.
Please apply the derating curve shown in chart according to the operating temperature.

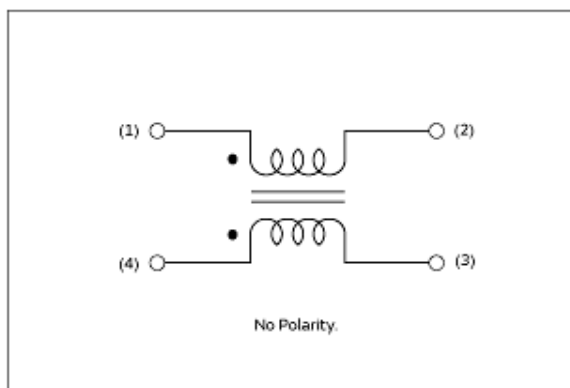
Derating of Rated Current



Derating of Rated Current



Impedance-Frequency Characteristics
(Main Items)



Equivalent Circuit

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