



EMI Suppression Filters (EMIFILr)

for AC Power Lines

Standard Winding Type

Web: <http://www.dgpinzhan.com>

E-mail: sales@dgpinzhan.com

Created

Checked

Type

Date

Version

Page

Tom

Justin

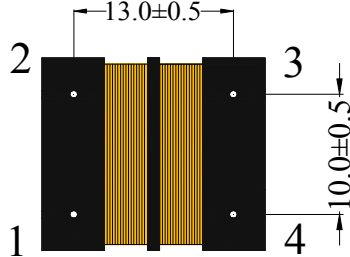
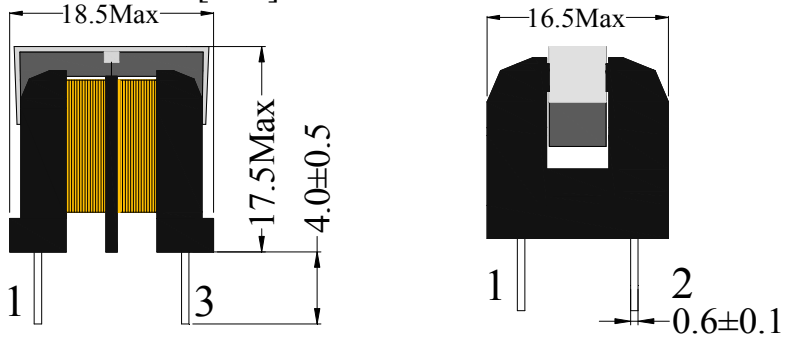
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2019/10/10

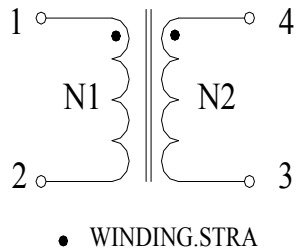
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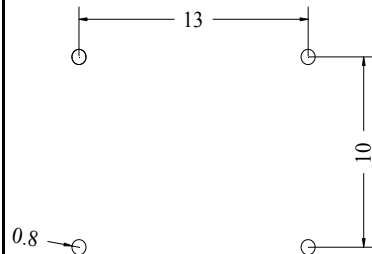
1. Dimensions: [mm]



2. Schematic:



3. PCB Layout Ref(mm)



4. General Properties:

It is recommended that the temperature of the component does not exceed +125°C under worst case conditions.

Storage Temperature: -20 °C up to +60 °C

Operating Temperature: -40 °C up to +125 °C

Temperature Rise < 55K.

Test conditions of Electrical Properties: +20°C, 33% RH if not specified differently.

5. Electrical Properties:

| Part Code | Inductance | Test conditions | DC-Resistance | Rated Current | Murata code |
|---------------|------------|-----------------|---------------|---------------|-----------------|
| PZ-UU10Y-901M | 0.9mH Min | 1KHZ/0. 25V | 190mΩ Max | 2. 0A Max | PLY10AN9012R0R2 |
| PZ-UU10Y-112M | 1.1mH Min | 1KHZ/0. 25V | 250mΩ Max | 1. 8A Max | PLY10AN1121R8R2 |
| PZ-UU10Y-152M | 1.5mH Min | 1KHZ/0. 25V | 300mΩ Max | 1. 6A Max | PLY10AN1521R6R2 |
| PZ-UU10Y-212M | 2.1mH Min | 1KHZ/0. 25V | 370mΩ Max | 1. 4A Max | PLY10AN2121R4R2 |
| PZ-UU10Y-282M | 2.8mH Min | 1KHZ/0. 25V | 500mΩ Max | 1. 2A Max | PLY10AN2821R2R2 |
| PZ-UU10Y-432M | 4.3mH Min | 1KHZ/0. 25V | 700mΩ Max | 1. 0A Max | PLY10AN4321R0R2 |
| PZ-UU10Y-622M | 6.2mH Min | 1KHZ/0. 25V | 1.0Ω Max | 0. 8A Max | PLY10AN6220R8R2 |
| PZ-UU10Y-872M | 8.7mH Min | 1KHZ/0. 25V | 1.2Ω Max | 0. 7A Max | PLY10AN8720R7R2 |
| PZ-UU10Y-992M | 9.9mH Min | 1KHZ/0. 25V | 1.7Ω Max | 0. 6A Max | PLY10AN9920R6R2 |
| PZ-UU10Y-143M | 14.0mH Min | 1KHZ/0. 25V | 2.5Ω Max | 0. 5A Max | PLY10AN1430R5R2 |

Remarks : N1=N2

* Acceptable customers design custom