



PDRH125D Series

Double inductor with two identical windings

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Created

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Type

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Version

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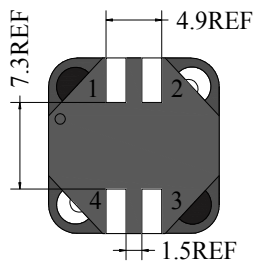
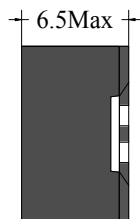
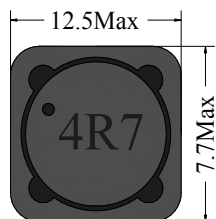
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1. Dimensions: [mm]



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

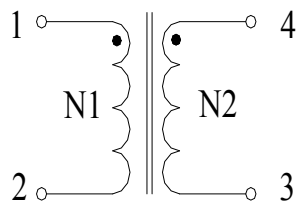
Temperature Rise < 55K.

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

5. Electrical Properties:

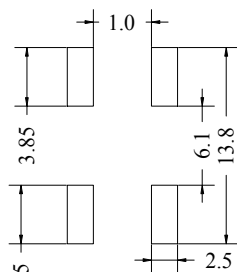
Part Code	Inductance	Test condition	DC-Resistance	Rated Current	Saturation current
PDRH125D-1R8M	1.5uH ±20%	1KHZ/0.25V	16mΩ Max	5.8A Max	14.0A Max
PDRH125D-2R4M	2.4uH ±20%	1KHZ/0.25V	18mΩ Max	5.0A Max	11.0A Max
PDRH125D-3R3M	3.3uH ±20%	1KHZ/0.25V	22mΩ Max	4.9A Max	8.9A Max
PDRH125D-4R7M	4.7uH ±20%	1KHZ/0.25V	28mΩ Max	4.0A Max	8.0A Max
PDRH125D-6R8M	6.8uH ±20%	1KHZ/0.25V	32mΩ Max	3.9A Max	6.8A Max
PDRH125D-100M	10uH ±20%	1KHZ/0.25V	44mΩ Max	3.2A Max	5.2A Max
PDRH125D-220M	22uH ±20%	1KHZ/0.25V	80mΩ Max	2.4A Max	3.3A Max
PDRH125D-470M	47uH ±20%	1KHZ/0.25V	180mΩ Max	1.5A Max	2.7A Max
PDRH125D-101M	100uH ±20%	1KHZ/0.25V	320mΩ Max	1.2A Max	1.7A Max

2. Schematic:



• WINDING.STRA

3. PCB Layout Ref(mm)



Remarks: N1=N2