



# PDRH74D Series

Double inductor with two identical windings

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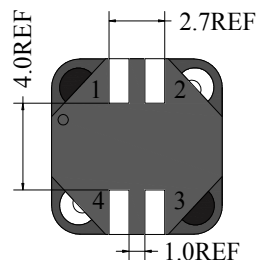
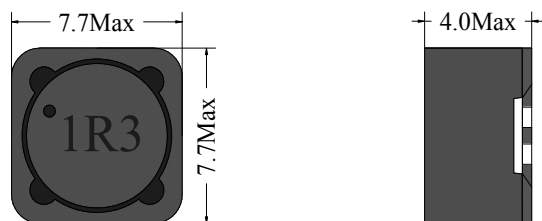
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## 1. Dimensions: [mm]



## 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.

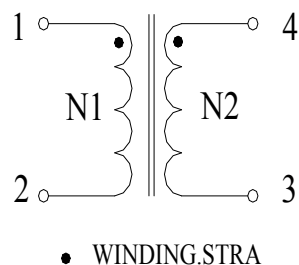
Test conditions of Electrical Properties: +20°C, 33% RH if not specified differently.

## 5. Electrical Properties:

Part Code	Inductance	Test condition	DC-Resistance	Rated Current	Saturation current
PDRH74D-1R8M	1.8uH ±20%	1KHZ/0. 25V	35mΩ Max	4. 7A Max	6. 5A Max
PDRH74D-2R4M	2.4uH ±20%	1KHZ/0. 25V	42mΩ Max	4. 2A Max	5. 6A Max
PDRH74D-3R3M	3.3uH ±20%	1KHZ/0. 25V	52mΩ Max	3. 7A Max	5. 0A Max
PDRH74D-4R7M	4.7uH ±20%	1KHZ/0. 25V	64mΩ Max	2. 5A Max	4. 0A Max
PDRH74D-5R6M	5.6uH ±20%	1KHZ/0. 25V	95mΩ Max	1. 9A Max	3. 5A Max
PDRH74D-6R8M	6.8uH ±20%	1KHZ/0. 25V	102mΩ Max	1. 8A Max	3. 2A Max
PDRH74D-8R2M	8.2uH ±20%	1KHZ/0. 25V	110mΩ Max	1. 7A Max	2. 9A Max
PDRH74D-100M	10uH ±20%	1KHZ/0. 25V	120mΩ Max	1. 1A Max	2. 8A Max
PDRH74D-220M	22uH ±20%	1KHZ/0. 25V	260mΩ Max	0. 8A Max	1. 8A Max
PDRH74D-470M	33uH ±20%	1KHZ/0. 25V	500mΩ Max	0. 7A Max	1. 5A Max
PDRH74D-101M	100uH ±20%	1KHZ/0. 25V	1.3Ω Max	0. 65A Max	0. 9A Max

Remarks: N1=N2

## 2. Schematic:



## 3. PCB Layout Ref(mm)

