

**Coupled Inductor CDRI-12\*DPF Series**

**Product Identification:**

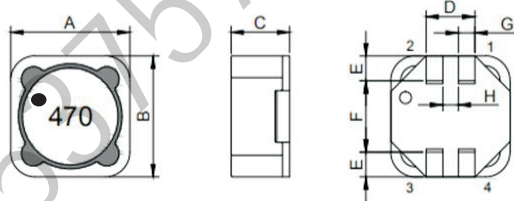
**CDRI - 125 DPF - 3R3 M**  
(1) (2) (3) (4) (5)



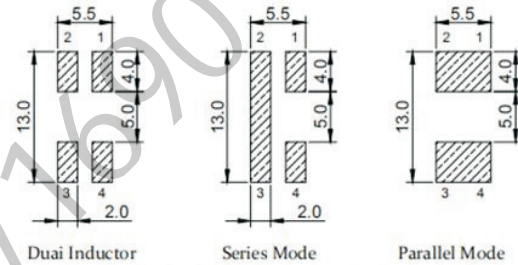
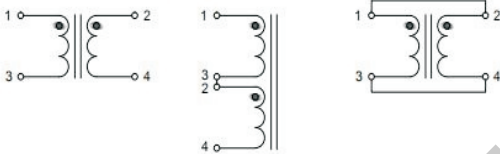
- (1) Series
- (2) Dimensions(L\*H)
- (3) Type
- (4) Inductance (1R0=1.0uH, 100=10uH, 101=100uH)
- (5) Tolerance(K(±10%), L(±15%), M(±20%),N(±30%))

**DIMENSIONS DRAWING:**

Dimension: (mm)



Land pattern and Schematics: (mm)



Shape and Dimensions								
TYPE	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)
CDRI-125DPF	12.0±0.3	12.0±0.3	6.5Max	5.0Typ	2.5Typ	7.0Typ	1.7Typ	1.6Typ
CDRI-127DPF	12.0±0.3	12.0±0.3	8.5Max	5.0Typ	2.5Typ	7.0Typ	1.7Typ	1.6Typ

**Coupled Inductor CDRI-125DPF Series**

**ELECTRICAL CHARACTERISTIC:**

Part Number	Inductance 1-3=2-4(uH) @100KHz/0.1V	DCR 1-3=2-4 ( mΩ) Typ.	I DC(1) 1-3=2-4 (A)Max.	I DC(2) 1-3=2-4 (A)Max.
CDRI-125DPF-4R7M	4.7 ±20%	28	7.5	2.8
CDRI-125DPF-6R8M	6.8 ±20%	40	6.0	2.5
CDRI-125DPF-100M	10 ±20%	50	5.5	1.9
CDRI-125DPF-220M	22 ±20%	90	2.5	1.7
CDRI-125DPF-330M	33 ±20%	170	2.3	1.2
CDRI-125DPF-470M	47 ±20%	180	2.0	1.1
CDRI-125DPF-101M	100 ±20%	360	1.5	0.9

- (1).I DC1: Base on temp.rise & ΔL/L0A 30% Typ
- (2).I DC2: Temp.rise 40°C Typ
- (3).Operating Temperature: -40°C up to +125°C

**Coupled Inductor CDRI-127DPF Series**

ELECTRICAL CHARACTERISTIC:

Part Number	Inductance 1-3=2-4(uH) @100KHz/0.1V	DCR 1-3=2-4 ( mΩ) Typ.	I DC(1) 1-3=2-4 (A)Max.	I DC(2) 1-3=2-4 (A)Max.	
CDRI-127DPF-1R5M	1.5 ±30%	16	15.5	8.1	
CDRI-127DPF-2R5M	2.5 ±30%	18	14.0	7.3	
CDRI-127DPF-3R3M	3.3 ±20%	21	11.0	6.5	
CDRI-127DPF-4R7M	4.7 ±20%	30	9.0	3.2	
CDRI-127DPF-6R8M	6.8 ±20%	35	7.0	2.8	
CDRI-127DPF-100M	10 ±20%	44	6.0	2.4	
CDRI-127DPF-220M	22 ±20%	80	4.7	2.1	
CDRI-127DPF-330M	33 ±20%	130	3.5	1.5	
CDRI-127DPF-470M	47 ±20%	150	2.8	1.2	
CDRI-127DPF-680M	68 ±20%	215	2.3	1.0	
CDRI-127DPF-101M	100 ±20%	300	1.7	0.9	
CDRI-127DPF-151M	150 ±20%	400	1.3	0.8	
CDRI-127DPF-221M	220 ±20%	650	1.0	0.7	
CDRI-127DPF-471M	470 ±20%	1200	0.8	0.6	

(1).I DC1: Base on temp.rise & ΔL/L0A 30% Typ

(2).I DC2: Temp.rise 40°C Typ

(3).Operating Temperature: -40°C up to +125°C