

Coupled Inductor CDRI-74PF Series

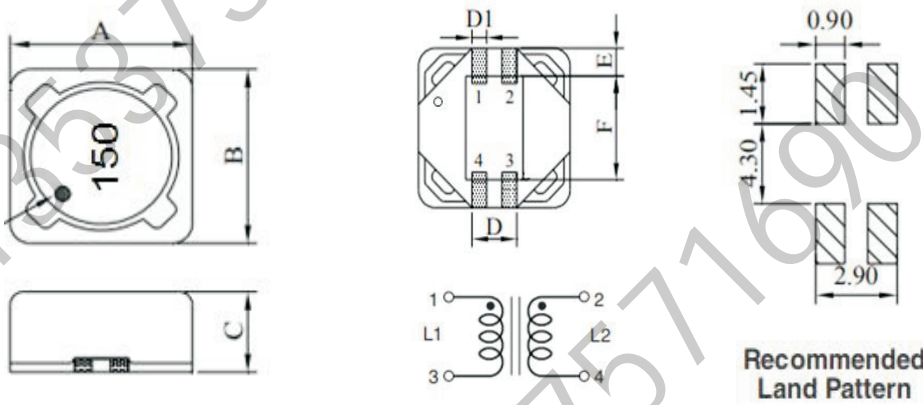
Product Identification:

CDRI - **74** **PF** - **2R5** **M** **XY**
 (1) (2) (3) (4) (5) (6)



- (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%))
- (6) Code

DIMENSIONS DRAWING:



Shape and Dimensions									
TYPE	A(mm)	B(mm)	C(mm)	D(mm)	D1(mm)	E(mm)	F(mm)	-	-
CDRI-74PF	7.3±0.2	7.3±0.2	4.6Max	2.7Typ	0.7Typ	1.3Typ	4.5Typ	-	-

Coupled Inductor CDRI-74PF Series

ELECTRICAL CHARACTERISTIC:

Part Number	Inductance L1=L2 (uH) @100KHz/0.1V	DCR L1=L2 (Ω) Max.	Rated Current 1 L1=L2 (A)Max.	Rated Current 2 L1=L2 (A)Max.	Marking
CDRI-74PF-2R5M-XY	2.5 ±20%	0.033	6.2	3.06	2R5
CDRI-74PF-3R3M-XY	3.3 ±20%	0.037	5.3	2.89	3R3
CDRI-74PF-4R7M-XY	4.7 ±20%	0.051	4.3	2.46	4R7
CDRI-74PF-5R6M-XY	5.6 ±20%	0.063	4.1	2.22	5R6
CDRI-74PF-6R8M-XY	6.8 ±20%	0.070	3.8	2.10	6R8
CDRI-74PF-8R2M-XY	8.2 ±20%	0.075	3.4	2.03	8R2

- (1).Rated Current1: Base on temp.rise & ΔL/L0A ≤ 20% Typ
- (2).Rated Current2: Temp.rise 40°C Typ
- (3).Operating Temperature: -40°C up to +125°C

Coupled Inductor CDRI-74PF Series

ELECTRICAL CHARACTERISTIC:

Part Number	Inductance L1=L2 (uH) @100KHz/0.1V	DCR L1=L2 (Ω) Max.	Rated Current 1 L1=L2 (A)Max.	Rated Current 2 L1=L2 (A)Max.	Marking
CDRI-74PF-100M-XY	10 ±20%	0.100	2.9	1.76	100
CDRI-74PF-120M-XY	12 ±20%	0.120	2.6	1.61	120
CDRI-74PF-150M-XY	15 ±20%	0.130	2.3	1.54	150
CDRI-74PF-180M-XY	18 ±20%	0.170	2.2	1.35	180
CDRI-74PF-220M-XY	22 ±20%	0.220	2.0	1.19	220
CDRI-74PF-270M-XY	27 ±20%	0.250	1.8	1.11	270
CDRI-74PF-330M-XY	33 ±20%	0.270	1.6	1.07	330
CDRI-74PF-390M-XY	39 ±20%	0.380	1.4	0.9	390
CDRI-74PF-470M-XY	47 ±20%	0.420	1.3	0.86	470
CDRI-74PF-560M-XY	56 ±20%	0.460	1.2	0.82	560
CDRI-74PF-680M-XY	68 ±20%	0.600	1.1	0.72	680
CDRI-74PF-820M-XY	82 ±20%	0.680	1.0	0.67	820
CDRI-74PF-101M-XY	100 ±20%	0.770	0.92	0.63	101
CDRI-74PF-121M-XY	120 ±20%	1.03	0.80	0.55	121
CDRI-74PF-151M-XY	150 ±20%	1.35	0.76	0.48	151
CDRI-74PF-181M-XY	180 ±20%	1.52	0.66	0.45	181
CDRI-74PF-221M-XY	220 ±20%	1.72	0.62	0.42	221
CDRI-74PF-271M-XY	270 ±20%	2.41	0.57	0.36	271
CDRI-74PF-331M-XY	330 ±20%	2.70	0.52	0.34	331
CDRI-74PF-391M-XY	390 ±20%	3.05	0.47	0.32	391
CDRI-74PF-471M-XY	470 ±20%	4.00	0.43	0.28	471
CDRI-74PF-561M-XY	560 ±20%	4.43	0.40	0.26	561
CDRI-74PF-681M-XY	680 ±20%	5.00	0.37	0.25	681
CDRI-74PF-821M-XY	820 ±20%	6.80	0.32	0.21	821
CDRI-74PF-102M-XY	100 ±20%	7.80	0.29	0.20	102

(1).Rated Current1: Base on temp.rise & $\Delta L/L0A \leq 20\%$ Typ

(2).Rated Current2: Temp.rise 40°C Typ

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