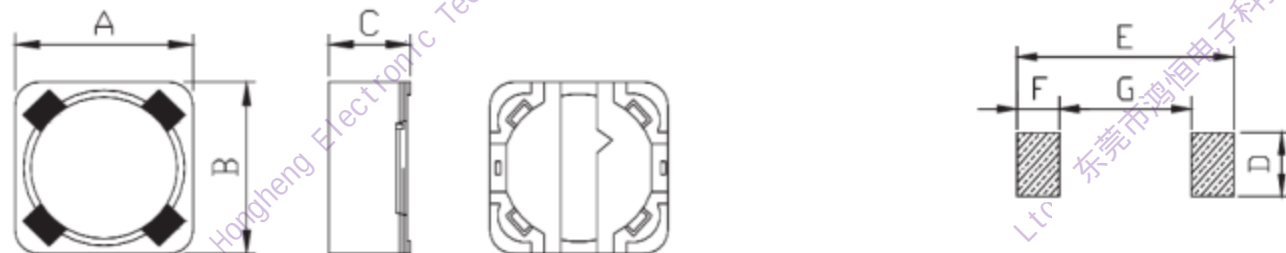


Features:

- A wide range of product line up is available to meet the various requirements.
- For DC/DC converter applications.
- Ideally used in thin-screen TV, LCDs, AV equipment and other electronic devices.
- Custom design is also available.
- RoHS compliant.

Appearance dimensions (mm, dimensions without tolerance are typical):

Recommended Land Patterns



Type	A	B	C	D	E	F	G	MPQ(pcs)
CDRH73	7.3±0.2	7.3±0.2	3.5 Max.	2.2	8.0	1.6	4.8	1000
CDRH74	7.3±0.2	7.3±0.2	4.5 Max.	2.2	8.0	1.6	4.8	1000

CDRH73 Electrical Characteristics

Part No.	Inductance (uH)	Tolerance (%)	DCR (mΩ)Max.	Isat (A)Max.	Isat (A)Typ.	Irms (A)Max.	Irms (A)Typ.
CDRH73-100M	10.0	20%	72.00	1.680	2.100	2.400	3.000
CDRH73-120M	12.0	20%	98.00	1.520	1.900	2.200	2.800
CDRH73-150M	15.0	20%	130.0	1.330	1.663	1.900	2.400
CDRH73-180M	18.0	20%	140.0	1.200	1.500	1.700	2.100
CDRH73-220M	22.0	20%	190.0	1.070	1.338	1.500	1.900
CDRH73-270M	27.0	20%	210.0	0.960	1.200	1.400	1.800
CDRH73-330M	33.0	20%	240.0	0.910	1.138	1.300	1.600
CDRH73-390M	39.0	20%	320.0	0.770	0.963	1.100	1.400
CDRH73-470M	47.0	20%	360.0	0.760	0.950	1.100	1.400
CDRH73-560M	56.0	20%	460.0	0.680	0.850	1.000	1.300
CDRH73-680M	68.0	20%	520.0	0.610	0.763	0.900	1.100
CDRH73-820M	82.0	20%	690.0	0.570	0.713	0.800	1.000
CDRH73-101M	100.0	20%	790.0	0.500	0.625	0.700	0.900
CDRH73-121M	120.0	20%	860.0	0.490	0.613	0.700	0.900
CDRH73-151M	150.0	20%	1270	0.430	0.538	0.600	0.800
CDRH73-181M	180.0	20%	1450	0.390	0.488	0.600	0.800

CDRH73 Electrical Characteristics

Part No.	Inductance (uH)	Tolerance (%)	DCR (mΩ)Max.	Isat (A)Max.	Isat (A)Typ.	Irms (A)Max.	Irms (A)Typ.
CDRH73-221M	220.0	20%	1650	0.350	0.438	0.500	0.600
CDRH73-271M	270.0	20%	2320	0.320	0.400	0.500	0.600
CDRH73-331M	330.0	20%	2620	0.280	0.350	0.400	0.500
CDRH73-391M	390.0	20%	2940	0.260	0.325	0.400	0.500
CDRH73-471M	470.0	20%	4180	0.230	0.288	0.300	0.400
CDRH73-561M	560.0	20%	4670	0.220	0.275	0.300	0.400
CDRH73-681M	680.0	20%	5730	0.190	0.238	0.300	0.400
CDRH73-821M	820.0	20%	6540	0.180	0.225	0.300	0.400
CDRH73-102M	1000	20%	9460	0.160	0.200	0.200	0.300

CDRH74 Electrical Characteristics

Part No.	Inductance (uH)	Tolerance (%)	DCR (mΩ)Max.	Isat (A)Max.	Isat (A)Typ.	Irms (A)Max.	Irms (A)Typ.
CDRH74-1R0N	1.00	30%	11.0	6.800	8.500	9.800	12.300
CDRH74-2R2N	2.20	30%	18.0	5.000	6.250	7.200	9.000
CDRH74-3R3N	3.30	30%	22.0	4.000	5.000	5.800	7.300
CDRH74-4R7N	4.70	30%	31.0	3.400	4.250	4.900	6.100
CDRH74-5R6N	5.60	30%	33.0	2.700	3.375	3.900	4.900
CDRH74-6R8N	6.80	30%	35.0	2.300	2.875	3.300	4.100
CDRH74-8R2N	8.20	30%	45.0	2.100	2.625	3.000	3.800
CDRH74-100M	10.0	20%	49.0	1.840	2.300	2.600	3.300
CDRH74-120M	12.0	20%	58.0	1.710	2.138	2.500	3.100
CDRH74-150M	15.0	20%	81.0	1.470	1.838	2.100	2.600
CDRH74-180M	18.0	20%	92.0	1.310	1.638	1.900	2.400
CDRH74-220M	22.0	20%	110.0	1.230	1.538	1.800	2.300
CDRH74-270M	27.0	20%	150.0	1.120	1.400	1.600	2.000
CDRH74-330M	33.0	20%	170.0	0.960	1.200	1.400	1.800
CDRH74-390M	39.0	20%	230.0	0.910	1.138	1.300	1.600
CDRH74-470M	47.0	20%	260.0	0.880	1.100	1.300	1.600
CDRH74-560M	56.0	20%	350.0	0.750	0.938	1.100	1.400
CDRH74-680M	68.0	20%	380.0	0.690	0.863	1.000	1.300
CDRH74-820M	82.0	20%	430.0	0.640	0.800	0.900	1.100
CDRH74-101M	100.0	20%	610.0	0.600	0.750	0.900	1.100
CDRH74-121M	120.0	20%	660.0	0.520	0.650	0.700	0.900

CDRH74 Electrical Characteristics

Part No.	Inductance (uH)	Tolerance (%)	DCR (mΩ)Max.	Isat (A)Max.	Isat (A)Typ.	Irms (A)Max.	Irms (A)Typ.
CDRH74-151M	150.0	20%	880.0	0.460	0.575	0.700	0.900
CDRH74-181M	180.0	20%	980.0	0.420	0.525	0.600	0.800
CDRH74-221M	220.0	20%	1170	0.360	0.450	0.500	0.600
CDRH74-271M	270.0	20%	1640	0.340	0.425	0.500	0.600
CDRH74-331M	330.0	20%	1860	0.320	0.400	0.500	0.600
CDRH74-391M	390.0	20%	2850	0.290	0.363	0.400	0.500
CDRH74-471M	470.0	20%	3010	0.250	0.313	0.400	0.500
CDRH74-561M	560.0	20%	3620	0.230	0.288	0.300	0.400
CDRH74-681M	680.0	20%	4630	0.220	0.275	0.300	0.400
CDRH74-821M	820.0	20%	5200	0.200	0.250	0.300	0.400
CDRH74-102K	1000	10%	6000	0.180	0.225	0.300	0.400

Remarks:

- * All test data is referenced to 25℃ ambient temperature .
- * Test equipment: VC4092B, TH2516B, HP4284/HP4284A ,HP4285 or equivalent .
- * Inductance: at 100kHz/1.0Vrms.
- * Isat: DC current at which the inductance drops 30% from its initial value without current.
- * I rms: DC current that causes the temperature rise ($\Delta T=40^{\circ}\text{C}$) from 25℃.