

MTC1150-H Series

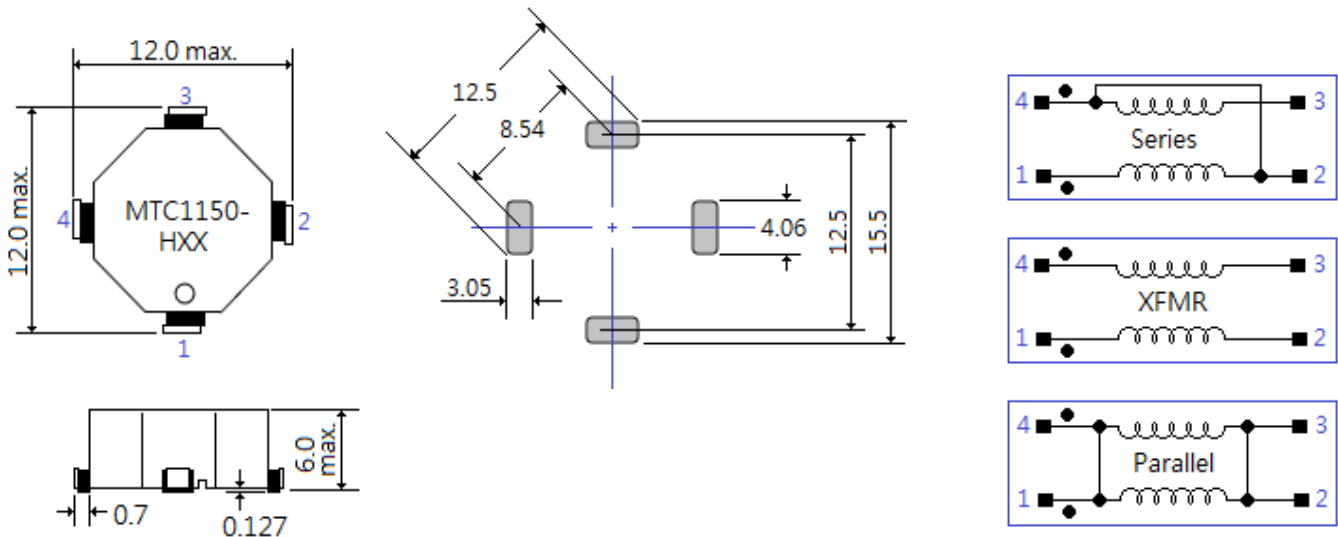
Features :

- Dual SMT magnetic that can be used single or coupled inductors also can be used To 1:1 transformers (Provide isolation between two windings),
The series used low loss core offer low cost and high saturation flux density.
The inductors can be versatile combination by series or parallel connections.

Applications :

- Applications include DC-DC converters, Buck, Boost, forward, resonant converters. Filtering Chokes, 1:1 Transformers.
Also apply to computer and Portable power devices, LCD panels, DVD players Noise

Shapes And Dimensions : (Unit :mm)



Standard electrical specifications :

Prat Number	Parallel				Series			
	OCL (uH)±20%	DC Bias (uH) min	ADC (A) min	DCR (ohm) max	OCL (uH)±20%	DC Bias (uH) min	ADC (A) min	DCR (ohm) max
MTC1150-H01	0.492	0.37	7.9	0.005	1.95	1.49	3.95	0.019
MTC1150-H02	0.761	0.56	7.2	0.006	3.05	2.24	3.6	0.023
MTC1150-H03	1.11	0.81	5.9	0.008	4.39	3.24	2.95	0.033
MTC1150-H04	1.96	1.415	4.6	0.014	7.82	5.69	2.3	0.055
MTC1150-H05	5.15	3.562	3.3	0.027	20.62	14.23	1.65	0.107
MTC1150-H06	7.82	5.152	3	0.033	31.23	20.61	1.5	0.131
MTC1150-H07	9.89	6.705	2.5	0.047	39.54	26.79	1.25	0.187
MTC1150-H08	14.77	9.522	2.3	0.057	59.05	38.1	1.15	0.228
MTC1150-H09	20.62	13.44	1.9	0.084	82.45	53.7	0.95	0.337
MTC1150-H10	25.66	17.17	1.6	0.115	102.6	68.68	0.8	0.461
MTC1150-H11	33.21	22.94	1.3	0.166	132.9	91.72	0.65	0.662
MTC1150-H12	48.82	32.21	1.2	0.201	195.2	128.83	0.6	0.805
MTC1150-H13	67.37	43.04	1.1	0.238	269.4	172.2	0.55	0.952
MTC1150-H14	99.12	69.53	0.72	0.565	396.4	278.15	0.36	2.259
MTC1150-H15	149.5	101.4	0.64	0.696	597.8	405.83	0.32	2.784
MTC1150-H16	200.2	131.4	0.6	0.81	800.4	525.5	0.3	3.24
MTC1150-H17	298.9	188	0.54	1.003	1196.7	752.1	0.27	4.011

- Rated Inductance : measured at 25°C and F @ 100KHz 0.1V
- DC resistance: at 25°C
- Testing voltage 300Vdc min for 1 sec. (winding - winding)
- Storage temperature range - 40°C ~ +125°C
- Operating temperature range - 40°C ~ +85°C

Customer's specifications are available

