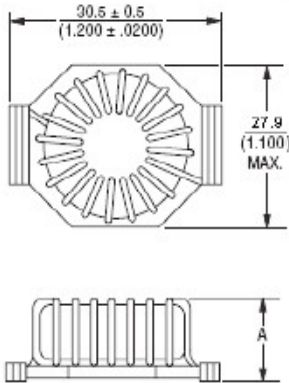




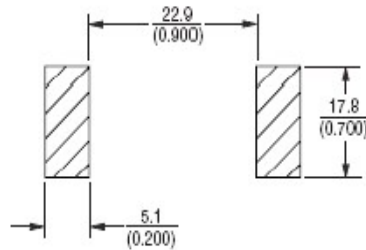
SURFACE MOUNT HIGH CURRENT TOROID SMHCT2110

Wilco SMHCT2110



Dimensions: $\frac{\text{mm}}{\text{(Inches)}}$

Recommended Pad Layout



Wilco Part Number	L(uH) +/-20% @ 1Khz	DCR Ohms Max	IDC Amps	IDC(Amps) To Decrease L By 30%	Dim A Max mm (in)
SMHCT2110-1R0M-LF	1	2	22700	37000	14.48/(0.57)
SMHCT2110-1R2M-LF	1.2	2	20300	30000	14.48/(0.57)
SMHCT2110-1R5M-LF	1.5	2	20300	29900	14.48/(0.57)
SMHCT2110-1R8M-LF	1.8	3	18500	25000	14.48/(0.57)
SMHCT2110-2R2M-LF	2.2	3	17200	21900	14.48/(0.57)
SMHCT2110-2R7M-LF	2.7	4	16000	18800	14.48/(0.57)
SMHCT2110-3R3M-LF	3.3	4	16000	18800	14.48/(0.57)
SMHCT2110-3R9M-LF	3.9	4	15100	16600	14.48/(0.57)
SMHCT2110-4R7M-LF	4.7	4	14400	15000	14.48/(0.57)
SMHCT2110-5R6M-LF	5.6	5	13700	13600	14.48/(0.57)
SMHCT2110-6R8M-LF	6.8	5	13100	12500	14.48/(0.57)
SMHCT2110-8R2M-LF	8.2	6	12600	11500	14.48/(0.57)
	+/-10%				
SMHCT2110-100K-LF	10	7	11700	9950	14.48/(0.57)
SMHCT2110-120K-LF	12	7	11300	9350	14.48/(0.57)
SMHCT2110-150K-LF	15	8	10700	8300	14.48/(0.57)
SMHCT2110-180K-LF	18	9	10200	7500	14.48/(0.57)
SMHCT2110-220K-LF	22	10	9700	6800	14.48/(0.57)
SMHCT2110-270K-LF	27	14	8200	5970	13.72/(0.54)
SMHCT2110-330K-LF	33	19	7000	5350	13.21/(0.52)
SMHCT2110-390K-LF	39	20	6800	5000	15.75/(0.62)
SMHCT2110-470K-LF	47	22	6500	4540	15.75/(0.62)
SMHCT2110-560K-LF	56	24	6200	4150	15.75/(0.62)
SMHCT2110-680K-LF	68	27	5900	3750	15.75/(0.62)
SMHCT2110-820K-LF	82	29	5600	3400	15.75/(0.62)
SMHCT2110-101K-LF	100	32	5400	3110	15.75/(0.62)
SMHCT2110-121K-LF	120	35	5100	2820	15.75/(0.62)
SMHCT2110-151K-LF	150	49	4300	2540	14.99/(0.99)
SMHCT2110-181K-LF	180	66	3700	2300	13.46/(0.53)
SMHCT2110-221K-LF	220	74	3500	2080	15.24/(0.60)
SMHCT2110-271K-LF	270	82	3400	1860	15.24/(0.60)
SMHCT2110-331K-LF	330	90	3200	1700	15.24/(0.60)
SMHCT2110-391K-LF	390	98	3100	1560	15.24/(0.60)
SMHCT2110-471K-LF	470	133	2600	1420	14.48/(0.57)
SMHCT2110-561K-LF	560	146	2500	1300	14.48/(0.57)
SMHCT2110-681K-LF	680	202	2100	1170	13.72/(0.54)
SMHCT2110-821K-LF	820	221	2000	1070	15.24/(0.60)
SMHCT2110-102K-LF	1000	244	1900	970	15.24/(0.60)

Features

High current up to 22.7 amps
Low magnetic radiation Low core loss

Electrical

1uH to 1000uH Tolerance
1uH to 8.2uH 20% 10uH to 1000uH 10% Operating Temp.
-55 C to 105 C Storage Temp.
-55 C to 105 C Temp Rise
T=30 C typical at rated IDC

Resistance to Solder Heat

Solder Temp 260 C 10 sec max

Physical

Packaging Box Trays
Marking EIA Inductance Code