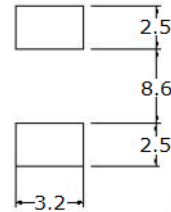


Dimensions in mm.

Recommended Pattern



Dimensions in mm.

Notes for LCP12565S shielded power inductor:
 Operating temperature range: - 40 °C to + 125 °C.
 Isat: for inductance drop 10 % from its value without current.
 Irms: for a 40 °C temperature rise from 25 °C ambient with current.
 Manufactured to current RoHS, Halogen-Free, & REACH compliance.

Measurement equipment: L [E4980 or HP4284A @ 1 KHz, 0.5V], DCR [Chroma 16502], Isat [HP4284A + HP42841A or WK3260B + WK3265B].
 Magnetically shielded construction.
 Packaging: 500 pcs per 13-inch reel.

Part Number	Inductance [μH]	Inductance Tolerance [± %]	Test Frequency [KHz]	DCR [Ω] ± 20 %	Isat [A]	Irms [A] Max.
LCP12565S-2R0T	2.0	30	1	0.0117	10.0	6.2
LCP12565S-4R2T	4.2	30	1	0.0150	7.3	5.5
LCP12565S-7R0T	7.0	30	1	0.0177	5.7	5.0
LCP12565S-100M	10	20	1	0.0202	5.0	4.8
LCP12565S-150M	15	20	1	0.0237	4.2	4.4
LCP12565S-220M	22	20	1	0.0316	3.5	3.8
LCP12565S-220M	33	20	1	0.0490	2.8	3.4
LCP12565S-470M	47	20	1	0.0578	2.4	2.8
LCP12565S-680M	68	20	1	0.0787	2.0	2.4
LCP12565S-101M	100	20	1	0.1230	1.6	1.9
LCP12565S-151M	150	20	1	0.2100	1.2	1.5
LCP12565S-221M	220	20	1	0.2730	1.0	1.2