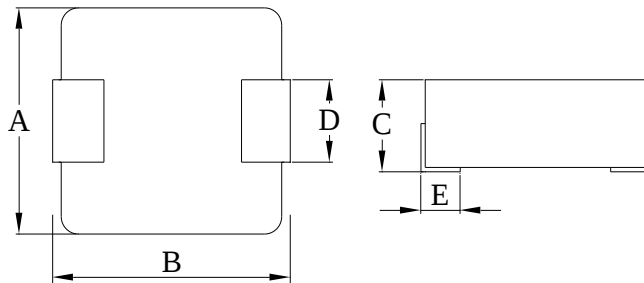


PRODUCT: Power Inductor

SERIES: TSPI-1265

PACKAGING DIMENSION: [Unit: mm]



A	12.9 MAX
B	13.2 ± 0.5
C	6.5 MAX
D	3.8 REF
E	2.5 REF

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance μH ±20% @0A	DCR (mΩ)		Heat Rating Current	Saturation Current
		[Typical]	[Max]	Idc (Amp)	Isat (Amp)
				Typical	MAX
TSPI-1265-R10M	0.10	0.47	0.50	60	120
TSPI-1265-R15M	0.15	0.53	0.60	55	118
TSPI-1265-R22M	0.22	0.63	0.70	53	112
TSPI-1265-R30M	0.30	0.70	0.80	48	72
TSPI-1265-R33M	0.33	0.83	0.90	46	65
TSPI-1265-R40M	0.40	0.90	1.00	44	64
TSPI-1265-R47M	0.47	1.00	1.20	41	63
TSPI-1265-R56M	0.56	1.20	1.40	37	62
TSPI-1265-R68M	0.68	1.40	1.60	35	60
TSPI-1265-R82M	0.82	1.60	1.90	33	50
TSPI-1265-1R0M	1.0	1.70	2.00	32	49
TSPI-1265-1R2M	1.2	2.10	2.50	30	48
TSPI-1265-1R5M	1.5	2.50	3.00	27	45
TSPI-1265-1R8M	1.8	2.80	3.20	24	41
TSPI-1265-2R2M	2.2	3.50	4.20	22	40
TSPI-1265-3R3M	3.3	5.70	6.80	18	35
TSPI-1265-4R7M	4.7	9.30	11.2	13.5	30
TSPI-1265-5R6M	5.6	9.30	10.0	13.5	26.5
TSPI-1265-6R8M	6.8	13.1	14.0	11.5	16.5
TSPI-1265-8R2M	8.2	14.5	15.5	10.5	16.0
TSPI-1265-100M	10	14.5	15.5	10.5	16.0
TSPI-1265-220M	22	36	40	6	12

◎ All test Data is referenced to 25℃ ambient

◎ Typical Heat Rating DC Current would cause an approximately ΔT of 40℃

◎ Typical Saturation DC Current would cause Lo to drop approximately 20%

△ Operating Temperature Range: -55℃ to +125℃