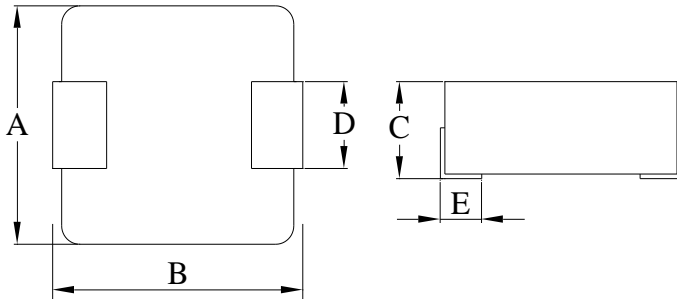


PRODUCT: Power Inductor

SERIES: TSPI-1040B

PACKAGING DIMENSION: [Unit: mm]



A	10.5 MAX
B	11.5 MAX
C	4.0 MAX
D	3.0 REF
E	2.3 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-1040B-R19M	0.19	0.875	0.95	40	90
TSPI-1040B-R36M	0.36	1.30	1.40	31.5	60
TSPI-1040B-R56M	0.56	1.70	1.80	27.5	49
TSPI-1040B-1R0M	1.0	3.70	4.10	17.5	36
TSPI-1040B-1R5M	1.5	5.30	5.80	15	27.5
TSPI-1040B-2R2M	2.2	8.20	9.00	12	25.5
TSPI-1040B-3R3M	3.3	10.80	11.80	10	18.6
TSPI-1040B-4R7M	4.7	15.00	16.50	9.5	17
TSPI-1040B-5R6M	5.6	17.60	19.30	8.5	16
TSPI-1040B-6R8M	6.8	21.20	23.30	8.0	13.5
TSPI-1040B-8R2M	8.2	31.00	34.00	7.0	12.5
TSPI-1040B-100M	10	33.20	36.50	6.8	12

◎ All test Data is referenced to 25°C ambient

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

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

△ Operating Temperature Range: -55°C to +125°C