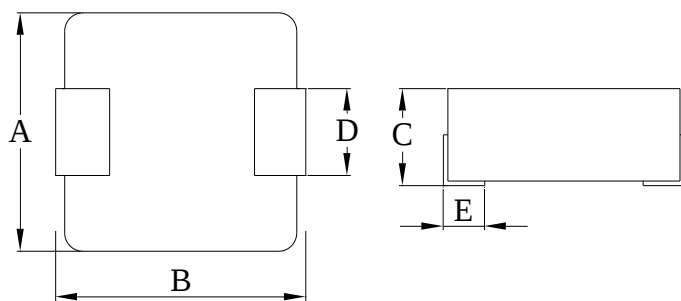


PRODUCT: Power Inductor

SERIES: TSPI-1040A

PACKAGING DIMENSION: [Unit: mm]



A	10.5 MAX
B	11.5 MAX
C	4.0 MAX
D	2.5 REF
E	2.3 REF

GENERAL SPECIFICATIONS:

**RoHS
COMPLIANT**

P/N	L0 Inductance $\mu\text{H} \pm 20\%$ @0A	DCR ($\text{m}\Omega$)		Heat Rating Current	Saturation Current
		[Typical]	[Max]	Idc (Amp)	Isat (Amp)
				Typical	MAX
TSPI-1040A-R19M	0.19	0.70	0.80	38	60
TSPI-1040A-R22M	0.22	0.60	0.80	38	50
TSPI-1040A-R36M	0.36	1.10	1.20	30	50
TSPI-1040A-R47M	0.47	1.50	1.70	28	45
TSPI-1040A-R56M	0.56	1.60	1.70	25	40
TSPI-1040A-R68M	0.68	1.60	1.80	25	30
TSPI-1040A-1R0M	1.0	2.80	3.20	21	30
TSPI-1040A-1R5M	1.5	4.50	5.00	15	20
TSPI-1040A-2R5M	2.5	8.50	9.50	13	18

◎ 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