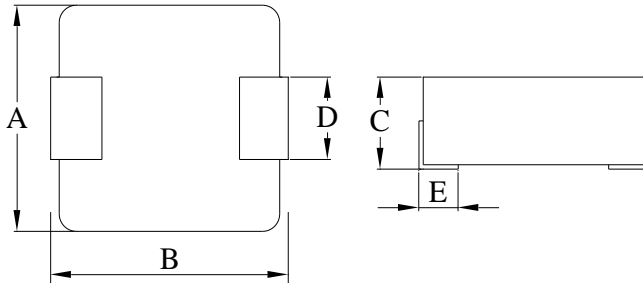


PRODUCT: Power Inductor

SERIES: TPSI-1040C

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 $\mu\text{H} \pm 20\%$ @0A	DCR (m Ω)		Heat Rating Current	Saturation Current
		[Typical]	[Max]	Idc (Amp)	Isat (Amp)
				Typical	MAX
TPSI-1040C-R19M	0.19	0.70	0.80	40.0	46
TPSI-1040C-R24M	0.24	0.85	0.95	33	44
TPSI-1040C-R36M	0.36	1.05	1.15	32	30
TPSI-1040C-R47M	0.47	1.53	1.68	30	30
TPSI-1040C-R56M	0.56	1.60	1.80	32	22
TPSI-1040C-R78M	0.78	1.80	1.90	27	22
TPSI-1040C-1R0M	1.0	2.30	2.50	25	20
TPSI-1040C-1R8M	1.8	4.50	5.00	17	16
TPSI-1040C-2R0M	2.0	5.20	5.80	16	14
TPSI-1040C-4R7M	4.7	12.90	14.20	9.5	7.6
TPSI-1040C-6R8M	6.8	17.50	19.30	9.0	7.5
TPSI-1040C-100M	10	27.80	30.50	7.5	7.1
TPSI-1040C-150M	15	40.90	45.00	6.25	6.0
TPSI-1040C-220M	22	60.40	66.00	5.0	4.5
TPSI-1040C-330M	33	87.50	94.50	4.4	4.0
TPSI-1040C-470M	47	132.0	145.0	4.0	3.0
TPSI-1040C-101M	100	249.0	270.0	3.00	2.25

◎ 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