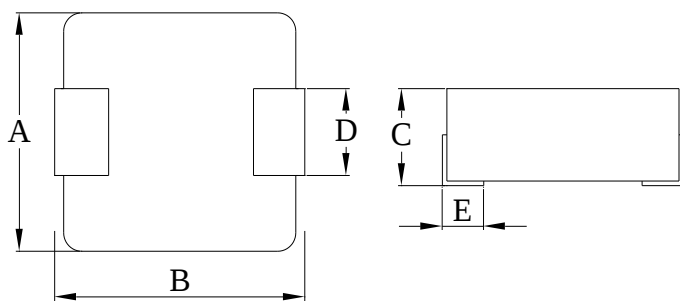


PRODUCT: Power Inductor

SERIES: TSPI-1240

PACKAGING DIMENSION: [Unit: mm]



A	12.9 MAX
B	13.2 ± 0.5
C	4.0 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-1240-R10M	0.10	0.90	1.10	43	75
TSPI-1240-R22M	0.22	1.20	1.40	41	70
TSPI-1240-R33M	0.33	1.30	1.50	38	60
TSPI-1240-R47M	0.47	1.40	1.90	32	55
TSPI-1240-R60M	0.60	2.00	2.30	30	50
TSPI-1240-R68M	0.68	2.10	2.50	28	46
TSPI-1240-R82M	0.82	2.70	3.10	25	44
TSPI-1240-0R9M	0.9	3.00	3.50	24	40
TSPI-1240-1R0M	1.0	3.00	3.70	24	38
TSPI-1240-1R2M	1.2	3.00	3.70	20	25
TSPI-1240-1R5M	1.5	5.50	6.00	19	30
TSPI-1240-1R8M	1.8	6.40	7.60	16	26
TSPI-1240-2R2M	2.2	6.40	7.60	16	22
TSPI-1240-3R3M	3.3	7.50	8.40	14	20
TSPI-1240-4R7M	4.7	10.50	12.00	11	15

◎ 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