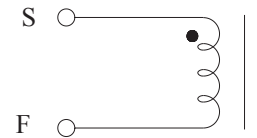


SHIELDED SMD POWER INDUCTOR

TLCDRH6D28

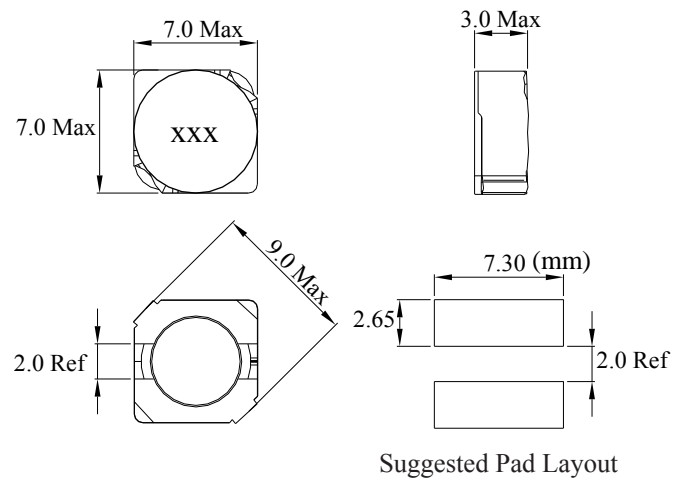
Features:

- ⊕ Magnetically shielded
- ⊕ Surface mount inductor with high current rating
- ⊕ Compact low profile package
- ⊕ Low resistance less power loss
- ⊕ Tape & Reel package available



Schematic

Dimensions are in (mm)



Mechanical

Marking

XXX- Inductance in μH

100: 10 μH

151: 100 μH

102: 1000 μH

Notes:

1. Inductance: Measured at 100kHz, 0.1Vrms
2. Inductance drop 20% typical at IDC
3. For 10% tolerance add letter "K" at the end of the part number

Dimensions are in (mm) Tol: ± 0.25 (mm)

Electrical Specifications @25^oC

P/N	Inductance ¹ ($\mu\text{H} \pm 20\%$)	IDC ² (A)Max
TLCDRH6D28-3R0	3.0	3.00
TLCDRH6D28-3R9	3.9	2.60
TLCDRH6D28-5R0	5.0	2.40
TLCDRH6D28-6R0	6.0	2.25
TLCDRH6D28-7R3	7.3	2.10
TLCDRH6D28-100	10	1.70
TLCDRH6D28-150	15	1.40
TLCDRH6D28-180	18	1.32
TLCDRH6D28-220	22	1.20
TLCDRH6D28-270	27	1.05
TLCDRH6D28-330	33	0.97
TLCDRH6D28-470	47	0.80
TLCDRH6D28-680	68	0.65
TLCDRH6D28-101	100	0.64