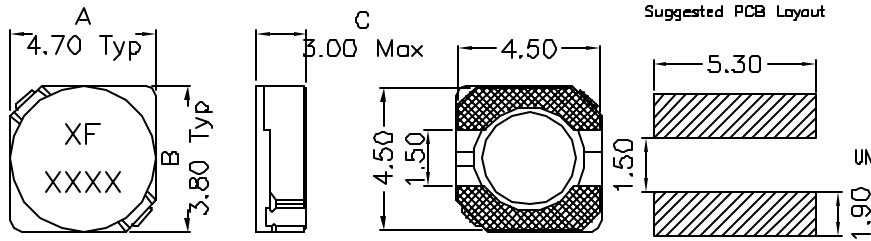
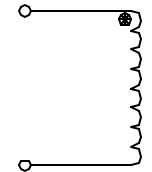


XFTPRH4D28 SERIES INDUCTOR

Mechanical Dimensions:



Schematic:



UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xx ±0.30
Dimensions in MM

Part Number	OCL (1) (μ H)	DCR (2) (Ohm Typ)	IDC (3) (A)
XFTPRH4D28-1R2_	1.20	0.0236	2.56
XFTPRH4D28-1R8_	1.80	0.0275	2.20
XFTPRH4D28-2R2_	2.20	0.0313	2.04
XFTPRH4D28-2R7_	2.70	0.0433	1.60
XFTPRH4D28-3R3_	3.30	0.0492	1.57
XFTPRH4D28-3R9_	3.90	0.0648	1.44
XFTPRH4D28-4R7_	4.70	0.0720	1.32
XFTPRH4D28-5R6_	5.60	0.1009	1.17
XFTPRH4D28-6R8_	6.80	0.1089	1.12
XFTPRH4D28-8R2_	8.20	0.1175	1.04
XFTPRH4D28-100_	10.00	0.1283	1.00
XFTPRH4D28-120_	12.00	0.1316	0.84
XFTPRH4D28-150_	15.00	0.1490	0.76
XFTPRH4D28-180_	18.00	0.1660	0.72
XFTPRH4D28-220_	22.00	0.2350	0.70
XFTPRH4D28-270_	27.00	0.2610	0.58
XFTPRH4D28-330_	33.00	0.3780	0.56
XFTPRH4D28-390_	39.00	0.3837	0.50
XFTPRH4D28-470_	47.00	0.5870	0.48
XFTPRH4D28-560_	56.00	0.6245	0.41
XFTPRH4D28-680_	68.00	0.6990	0.35
XFTPRH4D28-820_	82.00	0.9148	0.32
XFTPRH4D28-101_	100.00	1.020	0.29
XFTPRH4D28-121_	120.00	1.270	0.27
XFTPRH4D28-151_	150.00	1.350	0.24
XFTPRH4D28-181_	180.00	1.540	0.22

Inductance Tolerance: (J: $\pm 5\%$, K: $\pm 10\%$, M: $\pm 20\%$)

- (1). OCL Test Parameters: 100KHz, 0.1Vrms, 0.0Adc
- (2). Values @ 20°C
- (3). Inductance drop=35% typ At IDC
- (4). Tape & Reel Packaging Standard, 2000 Pcs per 13"Reel

Notes:

1. Solderability: Leads shall meet MIL-STD-2020, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: $\pm 0.004"$ (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component