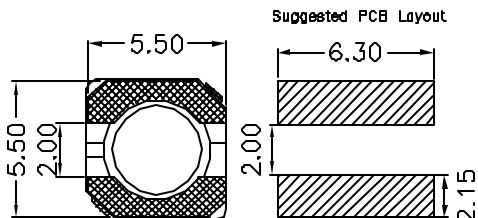
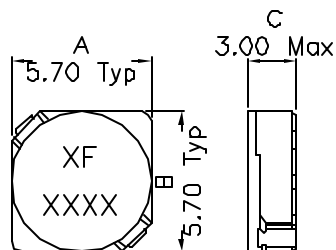
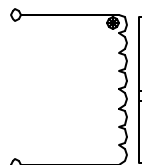


## XFTPRH5D28 SERIES INDUCTOR

### Mechanical Dimensions:



### Schematic:



UNLESS OTHERWISE SPECIFIED  
 TOLERANCES:  
 xx ±0.30  
 Dimensions in MM

Part Number	OCL (1) ( $\mu$ H) $\pm 30\%$	DCR (2) Max (Typ) ( $\Omega$ hm)	IDC (3) (A)
XFTPRH5D28-2R5_	2.50	0.0176 (0.013)	2.60
XFTPRH5D28-2R6_	2.60	0.0130 (0.018)	2.60
XFTPRH5D28-3R0_	3.00	0.0180 (0.024)	2.40
XFTPRH5D28-3R3_	3.30	0.0203 (0.015)	2.30
XFTPRH5D28-4R0_	4.00	0.0270 (0.020)	2.10
XFTPRH5D28-4R2_	4.20	0.0230 (0.031)	2.20
XFTPRH5D28-5R0_	5.00	0.0311 (0.023)	1.85
XFTPRH5D28-5R3_	5.30	0.0280 (0.038)	1.90
XFTPRH5D28-6R0_	6.00	0.0419 (0.031)	1.70
XFTPRH5D28-6R2_	6.20	0.0330 (0.045)	1.80
XFTPRH5D28-8R0_	8.00	0.0499 (0.037)	1.50
XFTPRH5D28-8R2_	8.20	0.0390 (0.053)	1.60
XFTPRH5D28-100_	10.00	0.0540 (0.040)	1.30
XFTPRH5D28-120_	12.00	0.0716 (0.053)	1.20
XFTPRH5D28-150_	15.00	0.0824 (0.061)	1.10
XFTPRH5D28-180_	18.00	0.1015 (0.075)	1.00
XFTPRH5D28-220_	22.00	0.1190 (0.088)	0.90
XFTPRH5D28-270_	27.00	0.1460 (0.108)	0.85
XFTPRH5D28-330_	33.00	0.1825 (0.135)	0.75
XFTPRH5D28-390_	39.00	0.2095 (0.155)	0.68
XFTPRH5D28-470_	47.00	0.2295 (0.170)	0.60
XFTPRH5D28-560_	56.00	0.3050 (0.226)	0.55
XFTPRH5D28-680_	68.00	0.4185 (0.260)	0.48
XFTPRH5D28-820_	82.00	0.4185 (0.310)	0.45
XFTPRH5D28-101_	100.00	0.5200 (0.385)	0.40

- {1}. OCL Test Parameters: 100KHz, 0.1Vrms, 0.0Adc
- {2}. Values @ 20°C
- {3}. Inductance drop=35% typ At IDC / 40°C Temp Rise
- {4}. Operating Temp: -30°C to +100°C

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

- {5}. Tape & Reel Packaging Standard, 2000 Pcs per 13"Reel