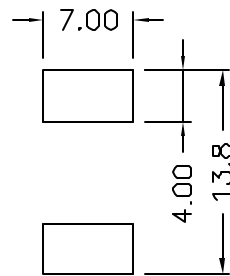
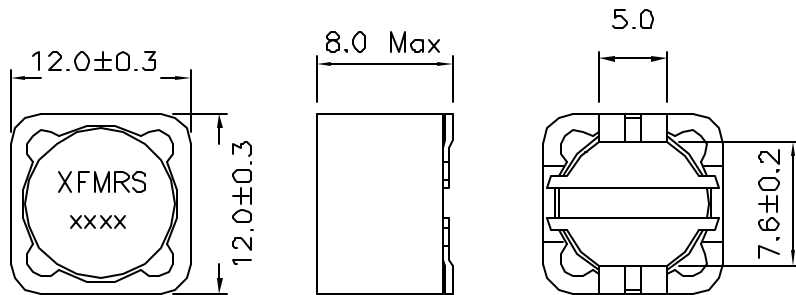


XFTPRH1207 Series Power Inductors

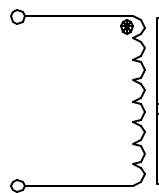
- * Available in two(2) standard sizes, 1205 and 1207
- * High Inductance, High DC Current Capability
- * True Surface Mount Design
- * Tape & Reel Packaging Standard, 400 Pcs per 13"Reel
- * Custom designs available At No Extra Charge
- * Economical Low Cost Solution For All Your Power Needs
- * Operating Temp: -40 to $+85^{\circ}\text{C}$
- * Flamability Rating: UL94V-0

Mechanical Dimensions:



Suggested Pcb Layout

Sechematic:



Tolerance:
.x 0.3
Dimensions in mm

XFTPRH1207 Series Power Inductors

Electrical Characteristics:

Part Number	INDUCTANCE (uH)	DCR (Ohm)	Rated D.C. Current (A)
XFTPRH1207-1R2M	1.2	0.007	9.80
XFTPRH1207-2R4M	2.4	0.0115	8.00
XFTPRH1207-3R5M	3.5	0.0135	7.50
XFTPRH1207-4R7M	4.7	0.0158	6.80
XFTPRH1207-6R1M	6.1	0.0176	6.60
XFTPRH1207-7R6M	7.6	0.020	5.90
XFTPRH1207-100M	10	0.0216	5.40
XFTPRH1207-120M	12	0.0243	4.90
XFTPRH1207-150M	15	0.027	4.50
XFTPRH1207-180M	18	0.0392	3.90
XFTPRH1207-220M	22	0.0432	3.60
XFTPRH1207-270M	27	0.0459	3.40
XFTPRH1207-330M	33	0.0648	3.00
XFTPRH1207-390M	39	0.729	2.75
XFTPRH1207-470M	47	0.100	2.50
XFTPRH1207-560M	56	0.110	2.35
XFTPRH1207-680M	68	0.140	2.10
XFTPRH1207-820M	82	0.160	1.95
XFTPRH1207-101M	100	0.220	1.70
XFTPRH1207-121M	120	0.250	1.60
XFTPRH1207-151M	150	0.280	1.42
XFTPRH1207-181M	180	0.350	1.30
XFTPRH1207-221M	220	0.390	1.16
XFTPRH1207-271M	270	0.560	1.06
XFTPRH1207-331M	330	0.640	0.95
XFTPRH1207-391M	390	0.700	0.88
XFTPRH1207-471M	470	0.980	0.79
XFTPRH1207-561M	560	1.070	0.73
XFTPRH1207-681M	680	1.460	0.67
XFTPRH1207-821M	820	1.640	0.60
XFTPRH1207-102M	1000	1.820	0.55

OCL tested at 1.0KHz, 0.1V