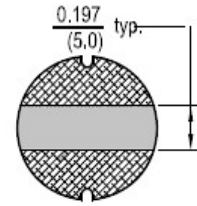
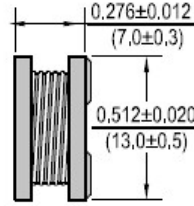
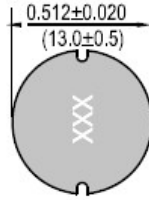




# Power Flat Shielded Inductor PF1307

Dimensions:  $\frac{\text{Inches}}{\text{(mm)}}$



Wilco Part Number	Inductance (uh)	Tolerance (%)	Test Freq. Mhz 1V	Q Ref	SRF Mhz Typ	DCR Max	Isat (mAmps)	IDC (mAmps)
PF1307-2R2M-LF	2.2	20	7.96	22	50	0.006	18000	9000
PF1307-2R7M-LF	2.7	20	7.96	24	40	0.008	16000	8200
PF1307-3R3M-LF	3.3	20	7.96	26	38	0.0087	15000	7500
PF1307-4R7M-LF	4.7	20	7.96	25	36	0.01	13000	7000
PF1307-5R6M-LF	5.6	20	7.96	24	38	0.015	11000	6500
PF1307-6R8M-LF	6.8	20	7.96	24	36	0.017	10500	6000
PF1307-8R2M-LF	8.2	20	7.96	24	34	0.019	9800	5800
PF1307-100M-LF	10	20	2.52	22	22	0.021	9200	5600
PF1307-120M-LF	12	20	2.52	25	20	0.030	8000	4800
PF1307-180M-LF	18	20	2.52	28	16	0.036	7000	4200
PF1307-220M-LF	22	20	2.52	40	15	0.047	6500	3600
PF1307-270M-LF	27	20	2.52	35	11	0.060	5500	3300
PF1307-330M-LF	33	20	2.52	35	10	0.065	5000	3100
PF1307-470M-LF	47	20	2.52	24	7.5	0.082	4200	2700
PF1307-560M-LF	56	20	2.52	22	7.2	0.095	3800	2500
PF1307-680M-LF	68	20	2.52	24	7.0	0.120	3500	2300
PF1307-820M-LF	82	20	2.52	24	6.0	0.140	3200	2100
PF1307-101M-LF	100	20	0.796	25	5.8	0.180	3000	1900
PF1307-121M-LF	120	20	0.796	20	5.5	0.210	2800	1800
PF1307-181M-LF	180	20	0.796	18	4.0	0.280	2300	1500
PF1307-221M-LF	220	20	0.796	15	3.8	0.360	2100	1300
PF1307-271M-LF	270	20	0.796	15	3.5	0.410	1800	1200
PF1307-331M-LF	330	20	0.796	15	3.2	0.520	1600	1200
PF1307-471M-LF	470	20	0.796	12	2.2	0.720	1400	900
PF1307-561M-LF	560	20	0.796	10	2.0	0.880	1300	850
PF1307-681M-LF	680	20	0.796	10	1.6	1.00	1200	800
PF1307-821M-LF	820	20	0.796	10	1.5	1.30	1100	750
PF1307-102M-LF	1000	20	0.796	10	1.4	1.60	1000	650

**Features:** Unshielded, low cost design, high current applications, Excellent for DC-DC converter applications,

**Physical:** packaging 300 pieces per 13 inch reel marking EIA inductance code

**Electrical:** operating temp. -40C to 85C rated current inductance drop 10% typical

**Resistance to Soldering Heat:** pre-heat 150C 1 min solder temp. 260C +/- 5C immersion time 10 sec +/- 1 sec solder composition Sn/Ag3.0/Cu0.5

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