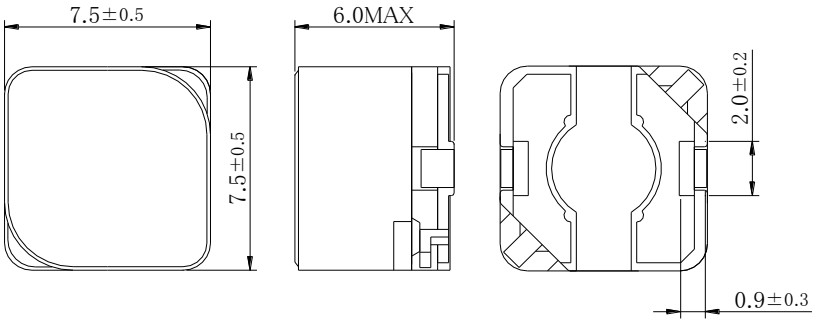
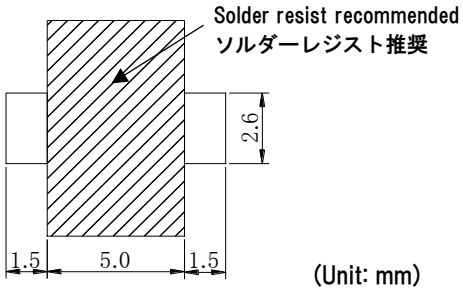
Shield High Power Inductor
SHP0760AP Series

DIMENSIONS / 外形寸法



Recommended patterns
推奨パターン図



(Unit: mm)

FEATURES / 特長

- Low leakage flux by complete closed magnetic circuit structure.
- Correspond to large saturation current by high Bm Ni-Zn ferrite core.
- 完全閉磁路構造により漏れ磁束が少ない
- 高B材Ni-Zn系フェライトコアによる高飽和電流対応

SPECIFICATIONS / 仕様

Parts No. 部品番号	Inductance *1 ｲﾝﾀﾞｸﾀﾝｽ [μH]	Tolerance 許容差 [%]	DC Resistance *2 直流抵抗 [mΩ]	DC Resistance Max *2 最大直流 抵抗[mΩ]	DC Superimposition Current *3 直流重畳 許容電流 [A]	Temperature Rise Current *4 温度上昇 許容電流 [A]
SHP0760P-F3R3AP	3.3	±30%	14	17	4.86	6.13
SHP0760P-F4R7AP	4.7	±30%	17	20	4.14	5.33
SHP0760P-F5R6AP	5.6	±30%	18	23	3.69	5.11
SHP0760P-F6R8AP	6.8	±30%	24	29	3.51	4.86
SHP0760P-F8R2AP	8.2	±30%	26	32	3.15	4.47
SHP0760P-F100AP	10	±20%	30	36	2.88	4.10
SHP0760P-F120AP	12	±20%	32	39	2.61	3.69
SHP0760P-F150AP	15	±20%	46	53	2.25	3.21
SHP0760P-F180AP	18	±20%	51	60	2.16	3.00
SHP0760P-F220AP	22	±20%	56	69	1.98	2.74
SHP0760P-F330AP	33	±20%	82	95	1.62	1.94
SHP0760P-F470AP	47	±20%	113	128	1.35	1.70
SHP0760P-F560AP	56	±20%	151	182	1.17	1.65
SHP0760P-F680AP	68	±20%	170	200	1.08	1.54
SHP0760P-F820AP	82	±20%	188	217	0.99	1.32
SHP0760P-F101AP	100	±20%	228	265	0.90	1.20
SHP0760P-F121AP	120	±20%	288	331	0.81	1.19
SHP0760P-F151AP	150	±20%	382	440	0.72	0.92
SHP0760P-F181AP	180	±20%	455	524	0.67	0.87
SHP0760P-F221AP	220	±20%	515	594	0.63	0.72
SHP0760P-F331AP	330	±20%	780	897	0.45	0.67
SHP0760P-F471AP	470	±20%	1167	1342	0.36	0.62

*1 Inductance is measured at 100kHz,1V .
*2 DC Resistance is measured at ambient temperature 20℃.
*3 DC Current based upon 30% inductance reduction from the initial value.
*4 DC Current based upon 35℃ temperature rise.
*5 Operating temperature is -40～125℃(includes coil heating).

ｲﾝﾀﾞｸﾀﾝｽ測定、100kHz、1V.
直流抵抗は周囲温度20℃において測定.
ｲﾝﾀﾞｸﾀﾝｽが初期値より-30%になる直流電流値.
温度上昇⊿T=35℃になる直流電流値.
動作温度、-40～125℃(コイルの発熱を含む).

※This specification might be changed without notice due to under developing. Thank you for your understanding.
本仕様は開発中につき、製品の改善等により記載内容を予告無く変更することがありますので、ご了承下さい。

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