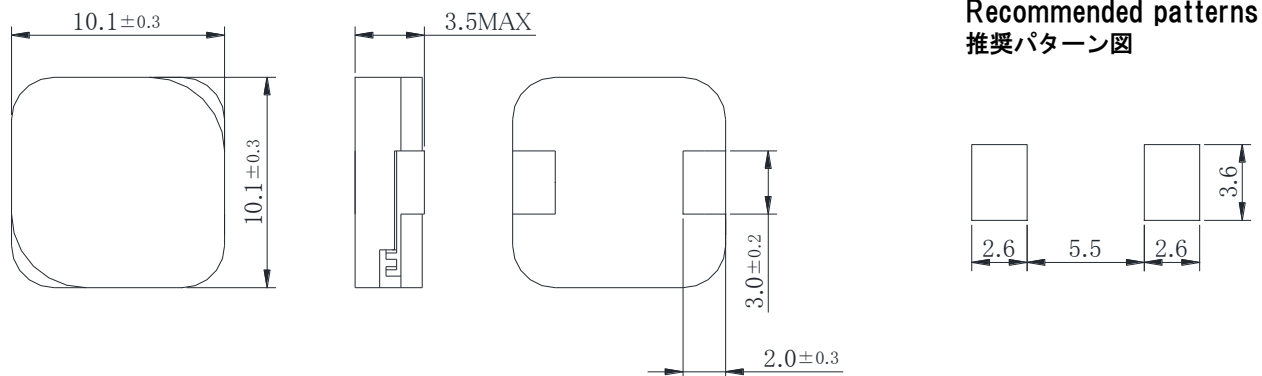


Shield High Power Inductor SHP1035P Series

DIMENSIONS / 外形寸法



Recommended patterns
推奨パターン図

(Unit: mm)

FEATURES / 特長

- Low leakage flux to the outside 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 インダクタンス [μ H]	Tolerance 許容差 [%]	DC Resistance *2 直流抵抗 [m Ω]	DC Resistance Max *2 最大直流 抵抗[m Ω]	DC Superimposition Current *3 直流重量 許容電流 [A]	Temperature Rise Current *4 温度上昇 許容電流 [A]
SHP1035P-F3R3A	3.3	±30%	24	27	9.50	5.70
SHP1035P-F4R7A	4.7	±30%	34	39	8.70	5.20
SHP1035P-F5R6A	5.6	±30%	38	43	7.90	4.70
SHP1035P-F6R8A	6.8	±30%	44	51	6.60	4.20
SHP1035P-F8R2A	8.2	±30%	47	60	6.30	3.70
SHP1035P-F100A	10	±20%	68	73	6.00	3.40
SHP1035P-F120A	12	±20%	74	86	5.70	2.40
SHP1035P-F150A	15	±20%	88	139	4.80	2.20
SHP1035P-F180A	18	±20%	121	145	4.40	2.10
SHP1035P-F220A	22	±20%	129	151	4.20	2.00
SHP1035P-F330A	33	±20%	205	235	3.00	1.50
SHP1035P-F470A	47	±20%	277	325	2.90	1.40
SHP1035P-F560A	56	±20%	307	340	2.60	1.30
SHP1035P-F680A	68	±20%	465	510	2.20	1.20
SHP1035P-F820A	82	±20%	517	610	1.90	1.10
SHP1035P-F101A	100	±20%	636	733	1.80	1.00
SHP1035P-F121A	120	±20%	792	908	1.60	0.90
SHP1035P-F151A	150	±20%	866	1016	1.30	0.80
SHP1035P-F181A	180	±20%	1149	1270	1.20	0.70
SHP1035P-F221A	220	±20%	1916	2169	1.10	0.60
SHP1035P-F331A	330	±20%	2348	2691	1.00	0.40
SHP1035P-F471A	470	±20%	3770	4957	0.80	0.20

*1 Inductance is measured at 100kHz, 1V .

*2 DC Resistance is measured at ambient temperature 25°C.

*3 DC Current based upon 30% inductance reduction from the initial value.

*4 DC Current based upon 35°C temperature rise.

*5 Operating temperature is -25~120°C(includes coil heating).

インダクタンス測定、100kHz、1V.

直流抵抗は周囲温度25°Cにおいて測定.

インダクタンスが初期値より-30%になる直流電流値.

温度上昇 $\Delta T=35^\circ\text{C}$ になる直流電流値.

動作温度、-25~120°C(コイルの発熱を含む) .