

SMT Shielded Power Inductors

GSDIA5020 / GSDIA5030 / GSDIA5040

GSDIA6028 / GSDIA6045 / GSDIA8040

GSCR6045 / GSCR8040

Features (特長)

- Magnetically shielded construction
(閉磁路構造設計)
- Compact and thin (輕便薄小)
- Large Current and Low DCR
(大電流低直流阻抗)

Applications (用途)

- DC-DC converter of portable equipment.
(攜帶機器之直流轉換器)
- Camcorder, LCD television set, Digital camera, P.D.A., Notebook.
(攝影機、液晶電視、數位相機、P.D.A.、筆記型電腦)



Product Identification (產品識別)

GSCR6045 - ____ (Ex. GSCR6045-2R2N)

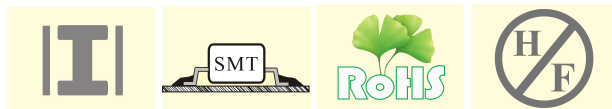
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1. SMT Shielded Power Inductors (閉磁式功率電感)

(GSDIA5020, GSDIA5030, GSDIA5040, GSDIA6028, GSDIA6045, GSDIA8040, GSCR6045, GSCR8040)

2. Inductance (電感值)

3. Tolerance (誤差值) (參照表 M 20%, N 30%)



SMT Shielded Power Inductors

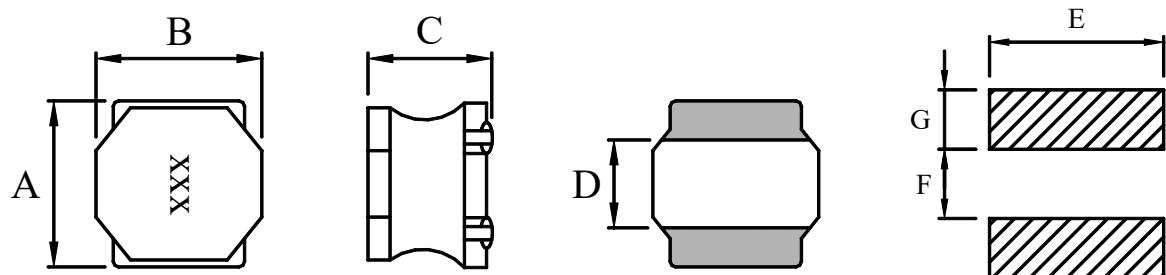
GSDIA5020 / GSDIA5030 / GSDIA5040

GSDIA6028 / GSDIA6045 / GSDIA8040

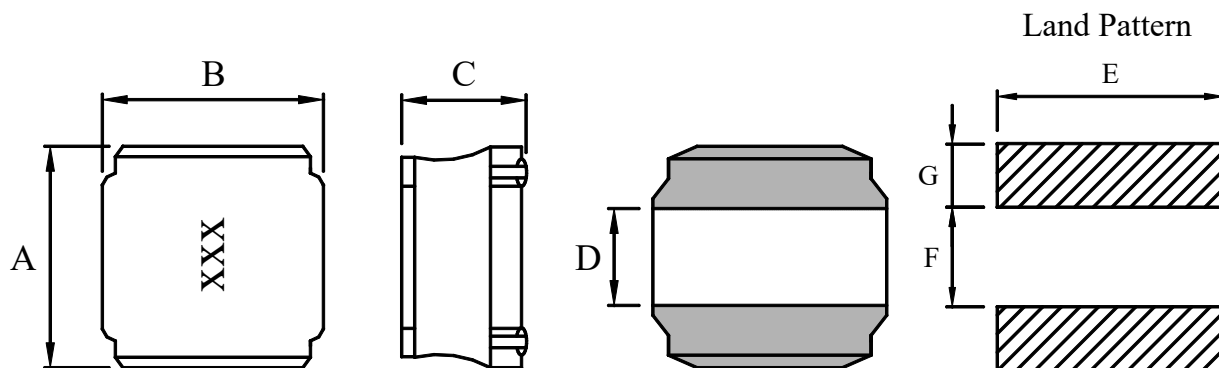
GSCR6045 / GSCR8040

Configurations & Dimensions (結構圖及規格尺寸)

GSDIA5020 / GSDIA5030 / GSDIA5040 / GSCR6045



GSDIA6028 / GSDIA6045 / GSDIA8040 / GSCR8040



Unit In mm

Type(型式)	A	B	C (max)	D (Typ)	E	F	G
GSDIA5020	5.0±0.2	5.0±0.2	2.0	2.0	5.2	2.1	1.55
GSDIA5030	5.0±0.4	5.0±0.4	3.0	2.0	5.2	2.1	1.55
GSDIA5040	5.0±0.4	5.0±0.4	4.0	2.0	5.2	2.1	1.55
GSDIA6028	6.0±0.4	6.0±0.4	2.8	2.5	6.3	2.0	2.15
GSDIA6045	6.0±0.4	6.0±0.4	4.5	2.5	6.3	2.0	2.15
GSDIA8040	8.0±0.4	8.0±0.4	4.0	3.5	8.2	3.6	2.30
GSCR6045	6.0±0.3	6.0±0.3	4.5	3.0	6.3	2.5	2.15
GSCR8040	8.0±0.3	8.0±0.3	4.5	3.5	8.2	3.6	2.30

♣Design as Customer's Requested Specifications. (可依客戶特殊需求設計)