

SINLOON®

閉磁式功率電感

Inductance Range: 4.7mH ~ 67mH

Type:

D8026F Series

SMT Shielded Power Inductors

SMT Shielded Power Inductors

Part No. Inductance Range:
D8026F 4.7mH ~ 67mH

□ **Feature**

- ◆ 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**

- ◆ 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)
- ◆ Large Current and Low DCR (大電流低值阻抗)

□ **Figure**



□ **Ordering**

Product Identification of Part Number

Type: Ex. D8026F-472

* See Product Part of Number

Tolerance:

K ±10%; L ±15%; M ±20%; N ±30%

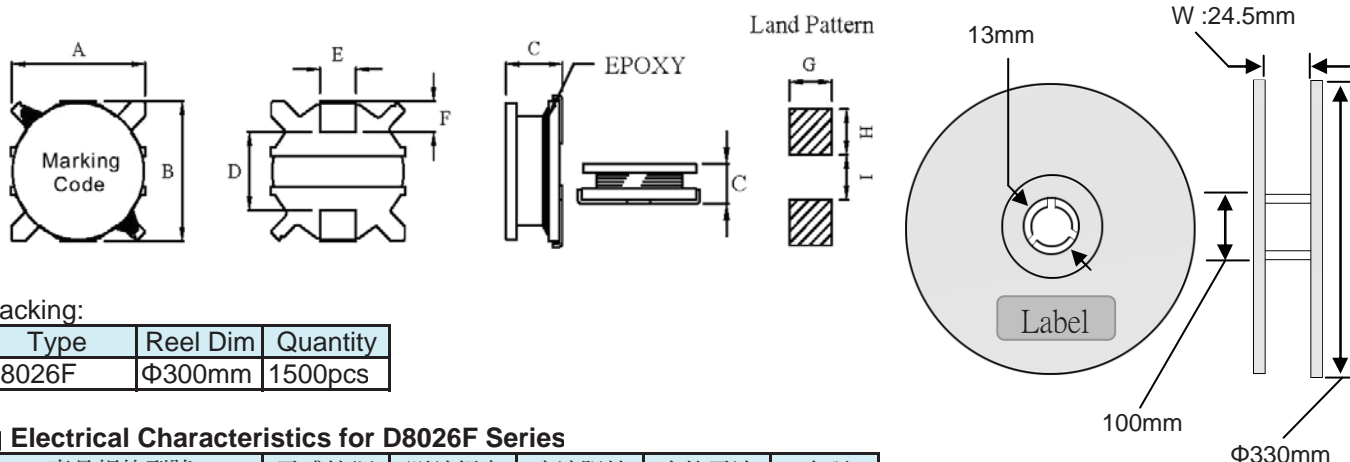
□ **Configurations & Dimension**

Unit:mm

| TYPE | A | B | C | D | E | F | G | H | I | J |
|--------|-------|-------|-------|-------|-----|-----|-----|------|-----|-----|
| | (max) | (max) | (max) | (max) | | | | | | |
| D8026F | 8.5 | 9.0 | 2.9 | 4.6 | 2.2 | 1.8 | 2.6 | 2.65 | 4.0 | --- |

※Design as Customers Requested Specifications (可依特殊需求設計生產)

□ **Reel Type Dimension**



Packing:

| Type | Reel Dim | Quantity |
|--------|----------|----------|
| D8026F | Φ300mm | 1500pcs |

□ **Electrical Characteristics for D8026F Series**

| 產品規格型號 Ordering Part Number | 電感值(L) Inductance (mH) | 測試頻率 Test Freq. (KHz) | 直流阻抗 DCR (Ω) (±20%) | 定格電流 IDC (A) (max) | 字碼 Marking Code |
|-----------------------------------|------------------------------|-----------------------------|---------------------------|--------------------------|-----------------------|
| D8026F-472 | 4.7 | 125 | 0.0420 | 120.00 | 472 |
| D8026F-492 | 4.9 | 125 | 0.0510 | 120.00 | 492 |
| D8026F-562 | 5.6 | 125 | 0.0710 | 120.00 | 562 |
| D8026F-682 | 6.8 | 125 | 0.1210 | 120.00 | 682 |
| D8026F-712 | 7.1 | 125 | 0.1630 | 100.00 | 712 |
| D8026F-812 | 8.1 | 125 | 0.2210 | 100.00 | 812 |
| D8026F-822 | 8.2 | 125 | 0.3040 | 100.00 | 822 |
| D8026F-902 | 9.0 | 125 | 0.4840 | 100.00 | 902 |
| D8026F-103 | 10.0 | 125 | 0.6190 | 100.00 | 103 |
| D8026F-673 | 67.0 | 125 | 0.6190 | 20.00 | 673 |

※Test Frequency: 125KHz / 0.1V

※ Operating Temperature: -40°C ~ +85°C

※ Inductance drop : 20% typ at IDC

※ ΔT : 40°C rise at Irms (at 25°C)

※美隆公司產品規格及其特性參數的改變或更新恕不另行通知。

※Mayloon characteristic parameters of electronic product specification changes or updates without notice to improve

