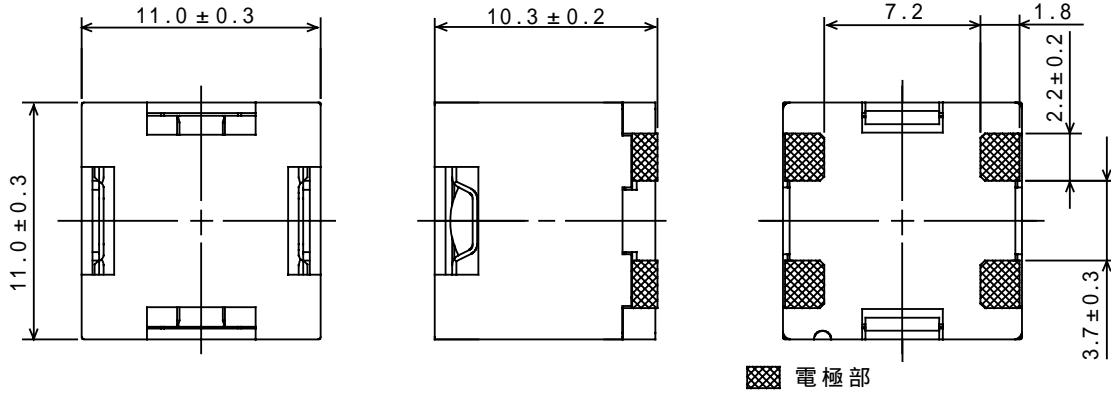


# 仕様書

形名  
CDEPI106

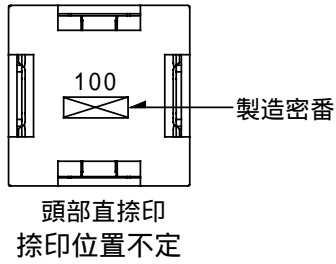
## 1. 外形

### 1-1. 寸法図(mm)

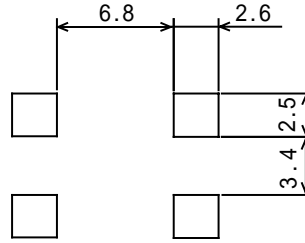


\* 公差のない寸法は参考値とする。

### 1-2. 捺印表示例

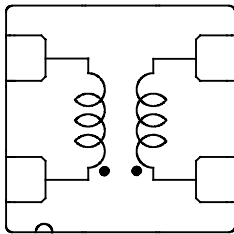


### 1-3. 推奨ランド寸法(mm)



## 2. コイル仕様

### 2-1. 端子接続図(裏面図)



RoHS

compliance  
Cd: Max. 0.01wt%  
others: Max. 0.1wt%

# 仕様書

形名  
CDEPI106

## 2-2. 電気的特性

No.	品名	表示	インダクタンス [以内] 1		D.C.R. (m ) [以下] (at=20 ) 2		直流重畳 許容電流(A)		温度上昇 許容電流 (A) 5	スミダ コード
			1-2間	4-3間	1-2間	4-3間	(at20 ) 3	(at105 ) 4		
01	CDEPI106NP - 100	100	10 $\mu$ H $\pm$ 25%	10 $\mu$ H $\pm$ 25%	28.8(23.0)	28.8(23.0)	4.9	4.5	4.0	-0001
02	CDEPI106NP - 150	150	15 $\mu$ H $\pm$ 25%	15 $\mu$ H $\pm$ 25%	28.8(23.0)	28.8(23.0)	3.5	3.0	4.0	-0003
03	CDEPI106NP - 220	220	22 $\mu$ H $\pm$ 30%	22 $\mu$ H $\pm$ 30%	28.8(23.0)	28.8(23.0)	2.2	1.9	4.0	-0004

1 測定条件 インダクタンス at 100kHz、1V

2 ( )内は、標準値とする。

3 直流重畳許容電流は公称インダクタンスに対し75%以下になる電流値。(Ta=20 を基準とする。)

4 直流重畳許容電流は公称インダクタンスに対し75%以下になる電流値。(Ta=105 を基準とする。)

5 温度上昇許容電流は自己温度上昇が40 になる電流値。(Ta=20 を基準とする。)

3. 保存温度範囲 - 40 ~ + 105

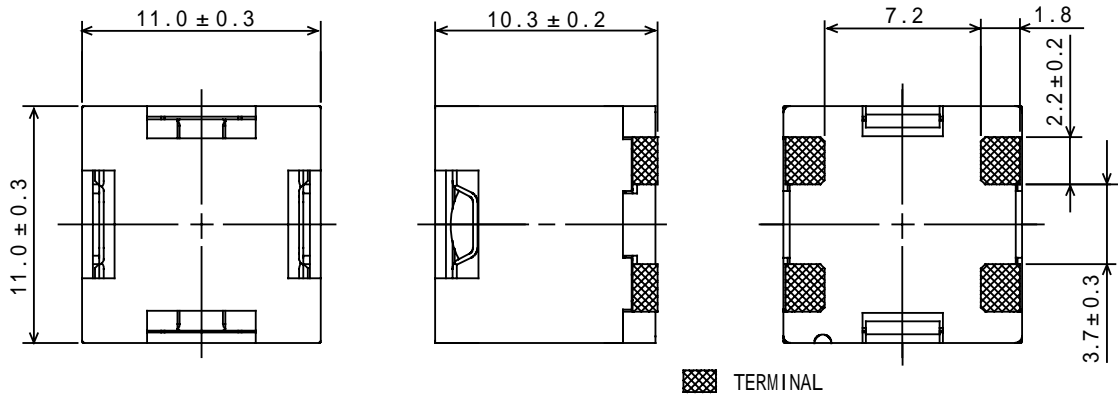
使用温度範囲 - 40 ~ + 105 ( コイルの発熱を含む。 )

# SPECIFICATION

TYPE CDEPI106
------------------

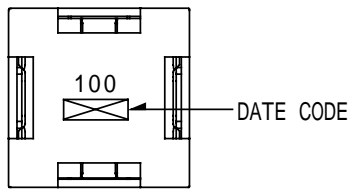
## 1 . APPEARANCE

### 1-1.DIMENSIONS(mm)



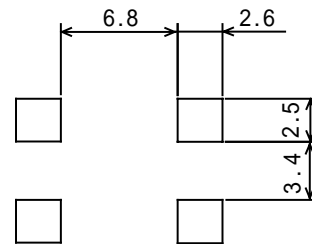
\* DIMENSION WITHOUT TOLERANCE IS APPROX.

### 1-2.STAMP(E.G.)



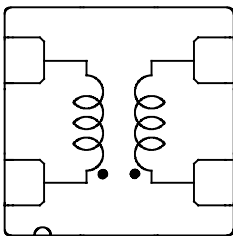
DIRECTLY STAMP  
UNFIXED THE POSITION

### 1-3.RECOMMENDED DIMENSIONS (mm)



## 2 . COIL SPECIFICATION

### 2-1.CONNECTION (BOTTOM VIEW)



RoHS compliance Cd:Max.0.01wt% others:Max.0.1wt%
---

# SPECIFICATION

TYPE CDEPI106
------------------

## 2-2.ELECTRICAL CHARACTERISTICS

No.	PART NAME	STAMP	INDUCTANCE [WITHIN] 1		D.C.R. (m ) [MAX.] (at 20 ) 2		THE SATURATION CURRENT (A)		HEATING CURRENT (A) 5	SUMIDA CODE
			BETWEEN 1-2	BETWEEN 4-3	BETWEEN 1-2	BETWEEN 4-3	(at20 ) 3	(at 105 ) 4		
01	CDEPI106NP - 100	100	10 $\mu$ H $\pm$ 25%	10 $\mu$ H $\pm$ 25%	28.8(23.0)	28.8(23.0)	4.9	4.5	4.0	-0001
02	CDEPI106NP - 150	150	15 $\mu$ H $\pm$ 25%	15 $\mu$ H $\pm$ 25%	28.8(23.0)	28.8(23.0)	3.5	3.0	4.0	-0003
03	CDEPI106NP - 220	220	22 $\mu$ H $\pm$ 30%	22 $\mu$ H $\pm$ 30%	28.8(23.0)	28.8(23.0)	2.2	1.9	4.0	-0004

1 MEASURED AT FREQUENCY OF 100kHz 1V

2 ( ) IS TYPICAL VALUE.

3 THE SATURATION CURRENT:THIS INDUCTANCE THE VALUE OF CURRENT WHEN THE INDUCTANCE IS OVER 75% OF THE NOMINAL VALUE. (Ta=20 ).

4 THE SATURATION CURRENT:THIS INDUCTANCE THE VALUE OF CURRENT WHEN THE INDUCTANCE IS OVER 75% OF THE NOMINAL VALUE. (Ta=105 ).

5 HEATING CURRENT:THE VALUE OF D.C. CURRENT WHEN THE TEMPERATURE RISE IS T=40 (Ta=20 ).

3 .STORAGE TEMPERATURE RANGE : - 40 ~ + 105

OPERATING TEMPERATURE RANGE : - 40 ~ + 105 ( COIL CONTAIN HEAT )

