

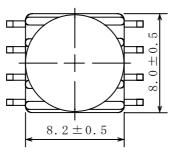
### Type: CMD89

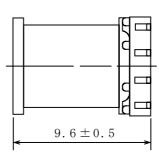
- ◆ Product Description
- -8.7×8.5mm Max.(L×W), 10.1mm Max. Height.
- •Reference Inductance:25 µ H.
- •Reference Saturation Current: 4.1A.
- •Reference Temperature Rise Current: 1.6A.
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.

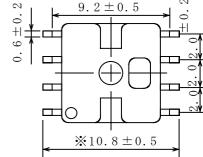
#### ◆ Feature

- Magnetically unshielded construction.
- •Ideally used in HID as a choke coil of high voltage withstanding capabilities(2kV).
- •RoHS Compliance.

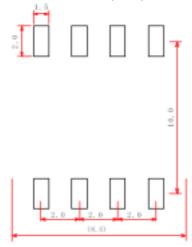
# Dimensions (mm)



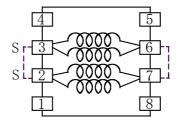




#### ◆ Land Pattern (mm)



### Schematics (Bottom)



(#2,#3),(#6,#7) to be short connected when using.

# Specification

		(2,3-6,7)	Measuring Conditions
Inductance		25µH±20% Within	1 k H <b>z</b>
D.C.R.		110m $\Omega$ ±30m $\Omega$ Within	at 20℃
Saturation Current	<b>%1</b>	4.1A Max.	
Temperature Rise Current	<b>%2</b>	1.6A Max.	

- \*1. Saturation current: The DC current at which the inductance decreases to 90% of it's initial value.
- $\times$ 2. Temperature rise current: The DC current at which the temperature rise is  $\triangle t = 40^{\circ} (Ta = 20^{\circ})$ .