

Type: CMS5D28D

◆ Product Description

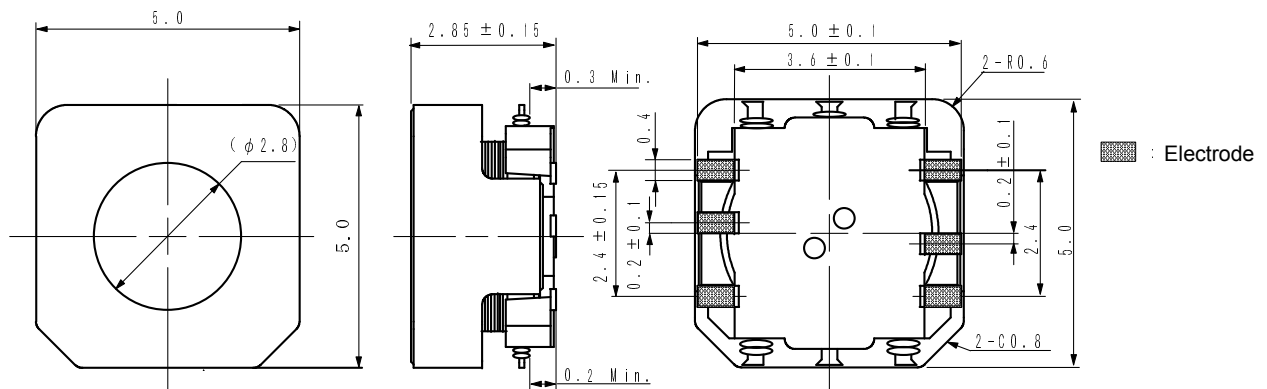
- Low loss ferrite core used.
- Low leakage Inductance.
- Special winding technology to avoid wire broken.
- Custom design is available.



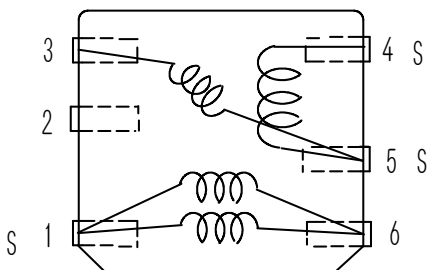
◆ Feature

- Max. operating frequency: 1MHz.
- Storage temperature range: -25°C~+105°C.
- Operating temperature range: -25°C~+105°C (including coil's self-heat).
- Product weight: 0.23g(Ref.).
- Step up transformer for DSC strobe light.
- RoHS Compliance.

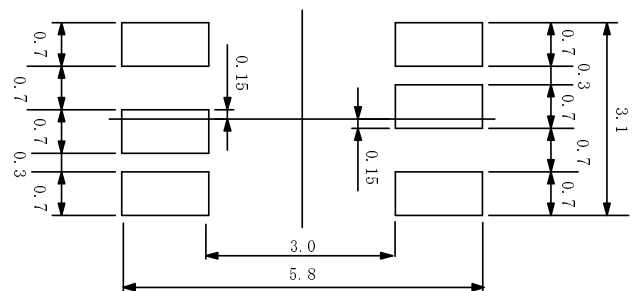
◆ **Dimensions (mm)**



◆ Schematics (Bottom)



◆ **Land Pattern (mm)**



Type: CMS5D28D
◆ Specification

Part No.	Inductance (μ H) (1-6) 100KHz, 1V	Inductance (mH) (4-5) 100KHz, 1V	Inductance (μ H) (4-5) 100KHz, 1V	Leakage L(3-4) (1-6shorted) 100KHz, 1V	D.C.R.(1-6) (m Ω) at 20°C	DC superposition current (1-6) (A) at 20°C ※1	Temperature rise current (1-6) (A) at 20°C ※1
1-445-687-11	7.0 $\pm$ 20%	1.1 $\pm$ 20%	14.0 $\pm$ 20%	30 μ H Max.	230 $\pm$ 25%	2.0	0.65

- ※ 1. DC saturation current: this inductance the value of current when the inductance is over 70% of the nominal value.(at 20°C)
- ※ 2. Temperature rise current: The actual value of D.C. current when the temperature rise is $\Delta t=40^{\circ}\text{C}$.(Ta=20°C)