Type: CMS8D57

Under Development

◆ Product Description

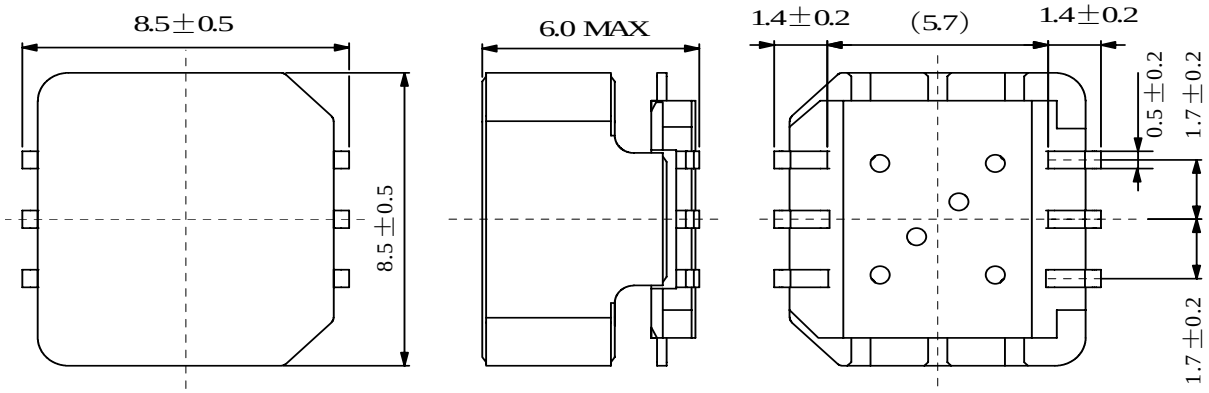


- Low loss ferrite core to be used
- High current(2.5A Maximum with 400μF capacity).
- Low leakage Inductance.
- Special winding technology for high reliability.
- Custom design is available.

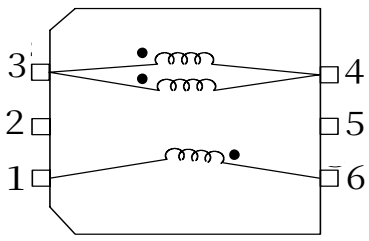
◆ Feature

- Compact size.
- Max. operating frequency: 1MHz.
- Storage temperature range: -25℃~+85℃.
- Operating temperature range: -25℃~+85℃ (including coil's self-heat).
- Product weight: 1.28g(Ref.).
- Step up transformer for strobe light of Digital Single-lens Reflex Camera.
- IC control strobe light condenser charge mode compliance.
- RoHS Compliance.

◆ Dimensions (mm)

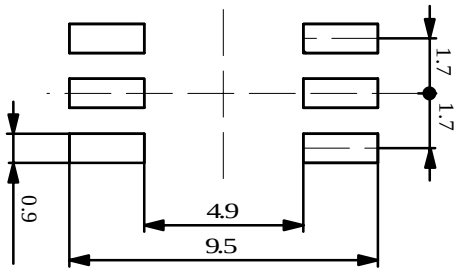


◆ Schematics(Bottom)



" ● " Indicates polarity.

◆ Land Pattern(mm)



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◆ Specification

Sample No.	Inductance (mH)(6-1) 100kHz/1V	Inductance (μH)(3-4) 100kHz/1V	D.C.R. (Ω) (6-1)	D.C.R. (mΩ) (3-4)	DC superposition permission current (3-4)(A) ※1
A806-OAK-001	1.10±20%	10.0±20%	12.6±20%	55.0±20%	2.5

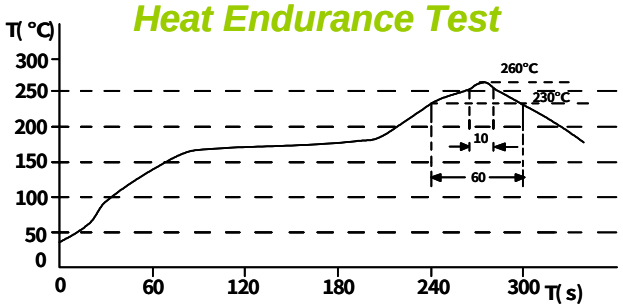
Note:

※ 1.DC superposition permission current : this indicates the value of current at which the inductance decreases to 80% of its initial value at DC superposition.

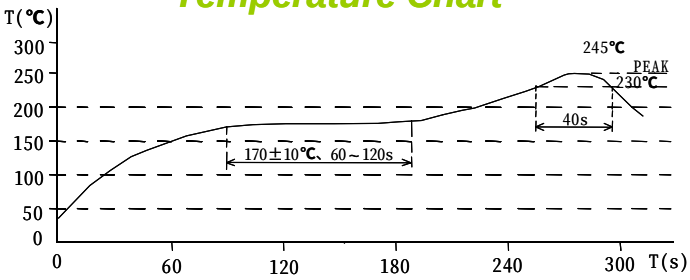
※ 2.Charge condenser capacity: **400μF** Max.

◆ Recommendation Reflow Condition

Heat Endurance Test



Temperature Chart



◆ Packaging with Embossed Tape and Reel

Qty.: 1000pcs/reel

