

Type: CEPC105 (C8211)

◆ Description

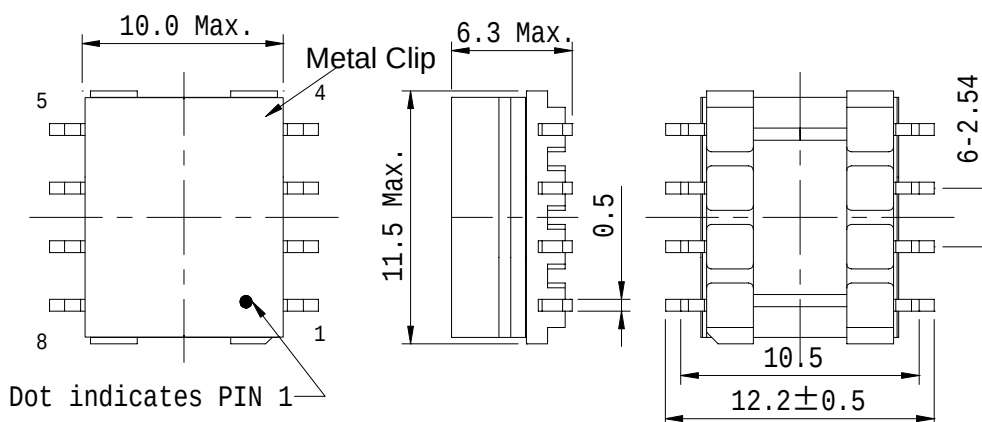
- Upgraded version of C8100.
- Low leakage Inductance
- Low D.C.R.
- Low profile.
- Core material: Ferrite.
- Custom design is available.



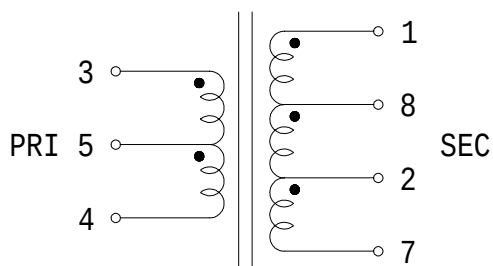
◆ Feature

- Max. operating frequency: 1MHz.
- Max. operating power: 5.0Watt(at 500kHz)
- Storage temperature range: -40°C~+105°C.
- Operating temperature range: -40°C~+105°C (including coil's self-heat).
- Product weight: 1.45g(Ref.).
- Ideally used in portable equipment, VoIP, LCD TV, Video camera etc.
- RoHS Compliance.

◆ Dimensions (mm)

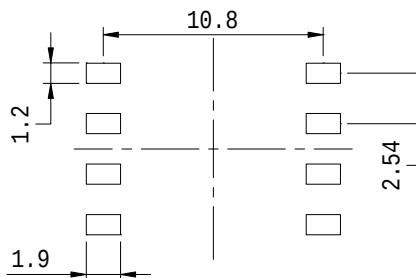


◆ Schematics (Bottom)



“●” indicates polarity.

◆ Land Pattern (mm)

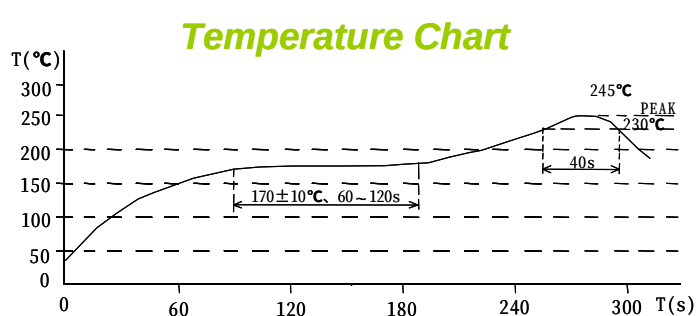
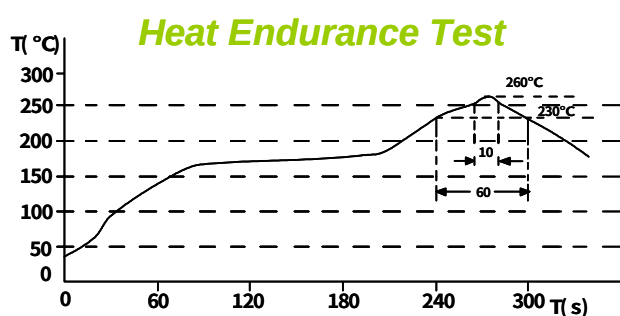


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◆ Specification (Part No. C8211)

ITEM	SPECIFICATION	MEASURING CONDITIONS
INDUCTANCE (3-4)	3.38 μ H MAX.	100kHz/ 0.1V, 0A
INDUCTANCE (3-4)	2.7 μ H MIN.	100kHz/ 0.1V, 6A (For 0.25 sec.)
LEAKAGE INDUCTANCE (3-4)	0.1 μ H MAX.	100kHz, 0.1V TIE (1+2+7+8)
D.C.R (1-8)	380m Ω MAX.	
D.C.R (3-4)	100m Ω MAX.	
D.C.R (8-2)	400m Ω MAX.	
D.C.R (2-7)	450m Ω MAX.	
HI-POT (3,4,5)-(1,2,7,8)	AC 500Vrms	1mA, 1S, 50/60Hz
HI-POT (1,2,3,4,5,7,8)-CORE	AC 500Vrms	1mA, 1S, 50/60Hz
TURNS RATIO (1-8):(2-7)	1.03 $\pm$ 7%	100kHz/ 0.1V
TURNS RATIO (1-8):(8-2)	1.04 $\pm$ 7%	100kHz/ 0.1V
TURNS RATIO (1-8):(3-5)	2.77 $\pm$ 7%	100kHz/ 0.1V
TURNS RATIO (1-8):(5-4)	2.75 $\pm$ 7%	100kHz/ 0.1V

◆ Recommendation Reflow Condition



Type: CEPC105 (C8211)
◆ Packaging with Embossed Tape and Reel
Qty.: 500pcs/reel
