



Hologen Free

C20880 Series



1. Features of C20880 Series :

- 16.50 × 11.00mm Max.(L×W), 16.50mm Max. Height.
- Inductance range: 0.47mH~25.0mH, Custom values are welcomed.
- Rated current up to 1.0A.
- Ideally used as AC common mode noise filter for TV, VCR, Switching power supply, PC & PC related advice, measurement attenuation and control unit with better characteristics in low frequency band.
- UL 94 V-0 Material.
- Operating temperature: -40 to +125°C.
- RoHS & HF compliant Components.

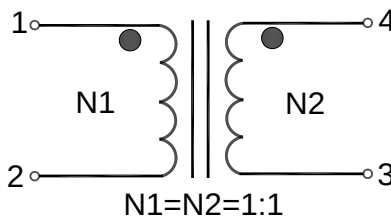


2. Electrical Characteristics of C20880 Series:

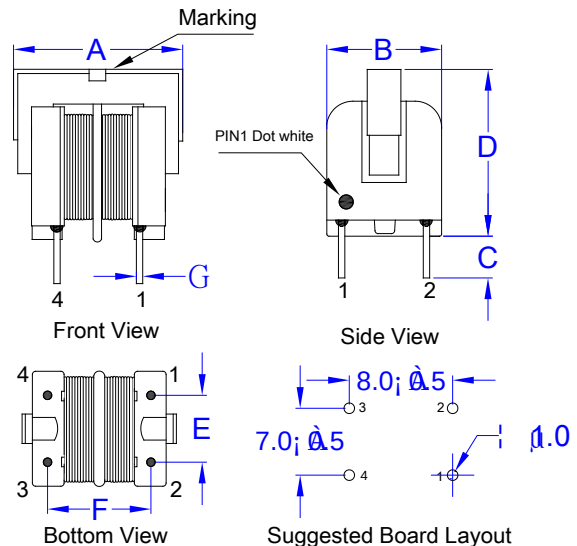
ITG Part Number	Inductance (1-2) , (4-3) (mH)	Inductance difference (1-2) - (4-3) (mH) Max.	DCR (1-2) , (4-3) (Ω) Max.	Irate ² @25°C (A)
C20880-01	0.47Min.	0.025	0.15	1.00
C20880-02	0.68Min.	0.025	0.25	0.85
C20880-03	1.00Min.	0.050	0.35	0.70
C20880-04	2.20Min.	0.050	0.70	0.50
C20880-05	3.90Min.	0.100	1.20	0.38
C20880-06	4.70Min.	0.100	1.60	0.34
C20880-07	6.80Min.	0.150	2.50	0.25
C20880-08	10.00Min.	0.200	4.00	0.20
C20880-09	1.80 ± 30%	0.050	0.31	0.50
C20880-10	25.00+50%/-30%	0.800	3.60	0.20

3. Mechanical Dimension of C20880 Series (Unit:mm):

A Max.	B Max.	C ±0.50	D Max.	E ±0.30	F ±0.30	G ±0.10
16.50	11.00	4.00	16.50	7.00	8.00	Φ0.60



SCHEMATIC DIAGRAM



Notes: "●" START OF WINDING

Notes:

1. Open Circuit Inductance (OCL) measured at 1KHz, 0.25V@ 25°C.
2. Irate: The DC current at which the temperature rise is $\Delta T=40^{\circ}\text{C}$ ($T_a=25^{\circ}\text{C}$).

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*Due to continuous product improvement, all specifications are subject to change without prior notice. Kindly contact an ITG field application engineer or a sales representative prior to purchase.