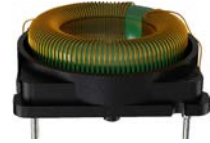


1. Features of T301214 Series :

- Miniaturized current sense transformer for high density DC to DC Converter.
- Low Profile 12.5mm height Max., 26.0 x 26.0mm board space.
- Full Selection of turns ratios, custom values are welcomed.
- Sensed Current up to 25A.
- Coil mount on UL94-V0 rated plastic header.
- Operating temperature range: -40° C to +125° C .
- RoHS & HF compliance Components.

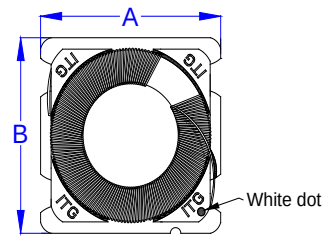


2. Electrical Characteristic of T301214 Series:

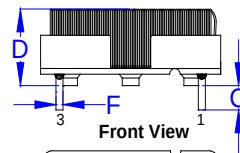
ITG Part Number	Turns Ratio	Inductance(PIN1-2) ¹ (mH) ± 25%	DC Resistance Ω (Max) @25°C Secondary (PIN1-2)
T301214-1	1:140	59.00	1.70
T301214-2	1:70	14.00	0.60
T301214-3	1:100	29.00	1.10
T301214-4	1:125	46.00	1.35
T301214-5	1:150	66.00	1.90
T301214-6	1:200	118.00	3.40
T301214-7	1:250	184.00	5.65

3. Mechanical Dimension(Unit : mm):

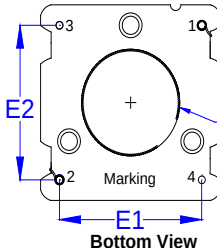
A	B	C	D	E1	E2	F
± 0.3	± 0.3	± 0.5	Max.	± 0.5	± 0.5	± 0.1
25.70	25.70	3.20	12.50	20.32	20.32	Φ1.00



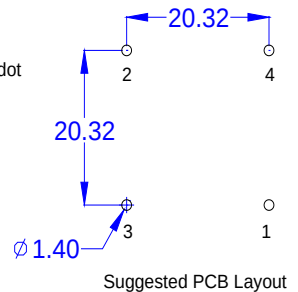
Top View



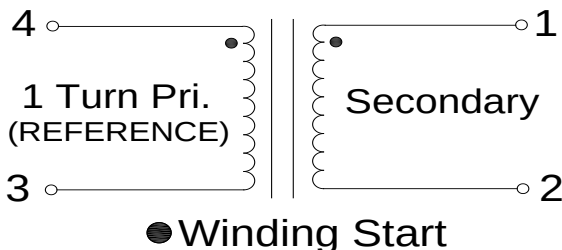
Front View



Bottom View



4. SCHEMATIC DIAGRAM:



Notes:

1. Open Circuit Inductance (OCL) test condition: 100KHz , 50mVrms , 0Adc , at 25 °C.