

# Current sense Transformer up to 2.2A CT05 xxx 231 W

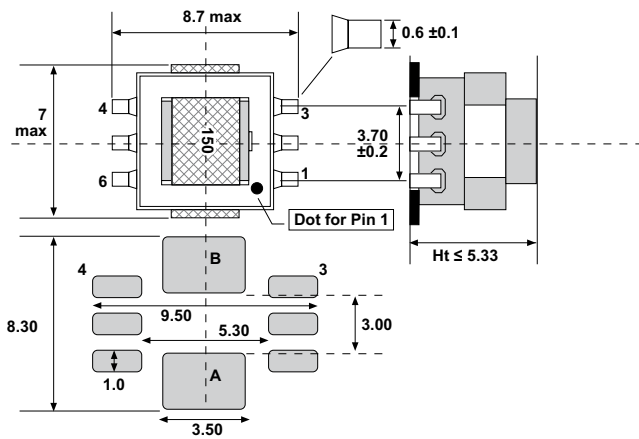


- Materials meet UL94-V0 rating
- Thermal index: classe B
- Max admissible current through primary winding: 2.2A (1.5A TYP)
- Insulation:  $R_i > 100 \text{ M}\Omega$  between A-B / 1-3 at 200 VDC
- Dielectric strength: 150 Vrms-50Hz between A-B / 1-3
- Operating temperature range:  $-40^\circ\text{C}$  to  $+100^\circ\text{C}$
- Suited for IR and vapor reflow soldering
- Weight: 1gram

## Electrical Data (25°C)

ID Code	Turn ratio $\pm 1\%$ (A-B / 1-3)	DCR (A-B) $\text{m}\Omega \pm 15\%$	DCR (1-3) $\Omega \pm 15\%$	L1-3
CT05 150 231W	1 : 150	6	9.6	$\geq 4.8 \text{ mH}$
CT05 100 231W	1 : 100	6	4	$\geq 2 \text{ mH}$
CT05 075 231W	1 : 75	6	2.8	$\geq 1.2 \text{ mH}$
CT05 050 231W	1 : 50	6	1	$\geq 540 \mu\text{H}$

## Typical Dimensions (mm)

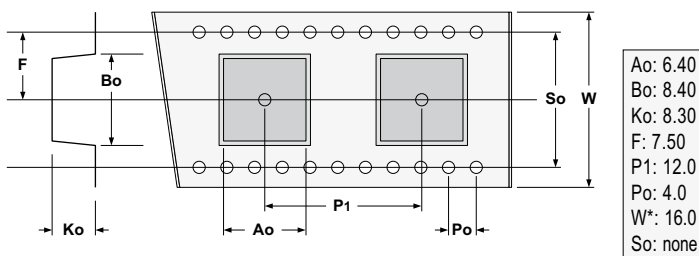


## Notes

Typical performances at  $+25^\circ\text{C}$   
 Storage Temperature  $-40^\circ\text{C}$  to  $+85^\circ\text{C}$

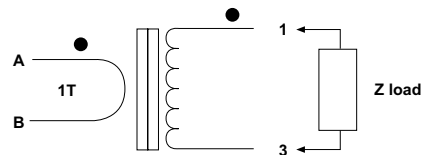
## Packaging

Tape and Reel: 750 pieces per reel



general tolerances :  $\pm 0.1 \text{ mm} / * \pm 0.3 \text{ mm}$

## Connections



Industrial Technologies...  
 Power Magnetics...  
 Custom and Voltage Transformers...

