## **Current Sensor UU 10 mm ( csu10 Series )**

## **POWER MAGNETICS**





MAX. DIM: L = 19.00 mm W= 16.38 mm H = 25.00 mm

- Diverse applications for load drop sensing and feed-back control in switch mode power supplies.
- For use in 50/60 Hz mainly.
- Isolated primary included within construction.
- Rated current 6 Amps.
- Designed to meet VDE requirements.

## **MECHANICAL SPECIFICATIONS**

Front View	Side View	PCB Layout (Top)	Schematic	
0.064 [1.62]	B → B → 2 3 D	0.433 [11.00] 3 0.354 [9.00] 1 2	Primary  1 • 3  Secondary  2	
Dia.			INCHES [mm]	

## **ELECTRICAL SPECIFICATIONS**

FALCO PART	A RoHS PART	L(H)	Freq.	Turns	Irms max.	DCR	Hipot	A max.	B max.	C max.	D nom.
NUMBER	<b>NUMBER</b>	min.	(Hz)	Ratio	(Amps.)	(Ω max)	(Vrms)	in / mm	in / mm	in / mm	in / mm
U10004	U10L04	5.0	120	1500:1	6.0	210	3600	0.748 / 19.00	0.645 / 16.38	0.984 / 25.00	0.150 / 3.81
	U10A04	5.0	120	1500:1	6.0	210	3600	0.748 / 19.00	0.645 / 16.38	0.984 / 25.00	0.162 / 4.11

1. Inductance L tested at 0.25 V.

2. L and DCR tested at Ta= 25°C.



RoHS COMPLIANT PRODUCT

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