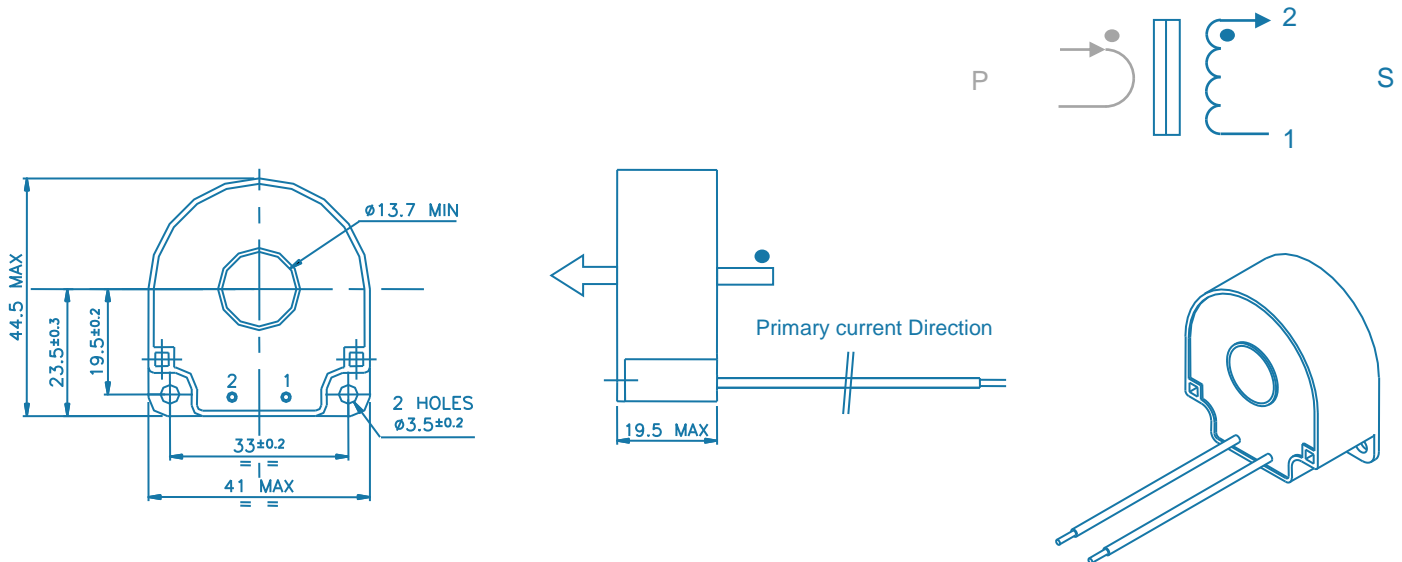


Type <b>THROUGH HOLE</b>	Size <b>T40</b>	Current <b>100 - 200 and 250 A</b>	MYRRA P/N <b>74542 - 74545 - 74548</b>
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Product designation

## THROUGH HOLE CURRENT TRANSFORMERS - T40

### MECHANICAL CHARACTERISTICS - PINOUT



Leads are 250 +/- 10 mm long  
 1 is black (0.5 mm<sup>2</sup>)  
 2 is red (0.5 mm<sup>2</sup>)

### ELECTRICAL CHARACTERISTICS

MYRRA P/N	Secondary turns	Max primary current	Rsec. max.	Lsec. mH min.	Pulse Vsec x t max @ frequency	Sine Vsec max @ frequency	Typical Load / Accuracy / Current
<b>FOR SWITCH MODE POWER SUPPLY - 20 to 150 kHz</b>							
74542	100	200 Arms	0.35 Ω	50	2 V.ms / 20 kHz 1 V.ms / 100 kHz	150 V / 20 kHz 150 V / 100 kHz	1.20 Ω / 1 %
<b>FOR MAIN AC CURRENT MEASUREMENT - 50 to 400 Hz</b>							
74545	500	100 Arms	6.5 Ω	1250	10 V.ms / 50 Hz	0.7 V / 50 Hz / 100 A 1.2 V / 50 Hz / 60 A	≤ 3 Ω / 1 % / 100 A ≤ 10 Ω / 1 % / 60 A
74548	1000	250 Arms	22 Ω	8000	100 V.ms / 50 Hz	15 V / 50 Hz / 250 A	≤ 50 Ω / 1 % / 250 A

Data applies for 1 primary turn (single passage of the primary wire through the hole). Accuracy can be increased for lower currents by winding more than a single turn.

These transformers are available with PCB pins (P/N 74540 - 74543 - 74546 respectively) and "FASTON" (P/N 74541 - 74544 - 74547 respectively) terminals.

### REMARKS

- RoHS compliant
- UL94 V-0 materials
- Class B