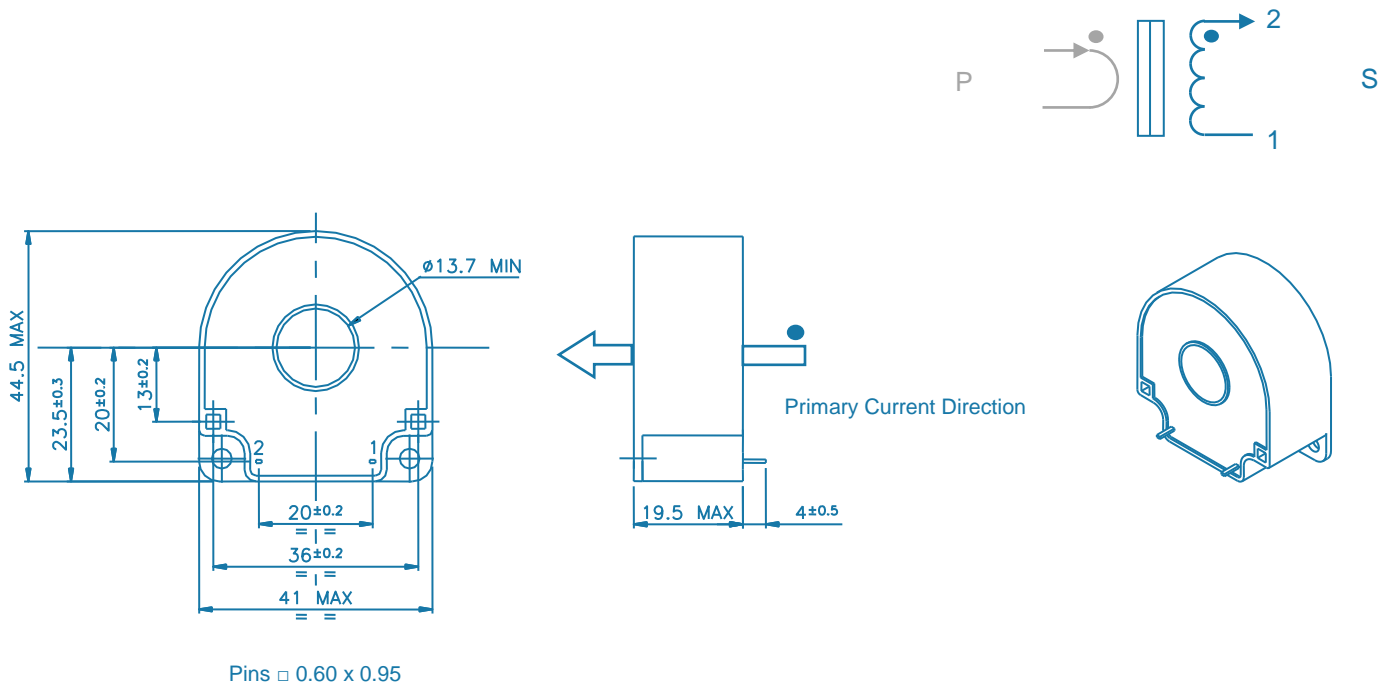


Type THROUGH HOLE	Size T40	Current 100 - 200 and 250 A	MYRRA P/N 74540 - 74543 - 74546
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Product designation

THROUGH HOLE CURRENT TRANSFORMERS - T40

MECHANICAL CHARACTERISTICS - PINOUT



ELECTRICAL CHARACTERISTICS

MYRRA P/N	Secondary turns	Max primary current	R _{sec.} max.	L _{sec.} mH min.	Pulse V _{sec} x t max @ frequency	Sine V _{sec} max @ frequency	Typical Load / Accuracy / Current
FOR SWITCH MODE POWER SUPPLY - 20 to 150 kHz							
74540	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 %
FOR MAIN AC CURRENT MEASUREMENT - 50 to 400 Hz							
74543	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
74546	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 "FASTON" (P/N 74541 - 74544 - 74547 respectively) and "leads" (P/N 74542 - 74545 - 74548 respectively) terminals.

REMARKS

RoHS compliant
UL94 V-0 materials
Class B