



TL440 Series

- Sense up to 50 A_{rms} continuously
- Mains working frequency 50/60 Hz.
- Secondary fully isolated to 4000V_{rms}
- Typical working temperature :
-25°C ~+85°C
- Fully encapsulated.
- Ideal for branch circuit overload and load drop or shutdown detection application
- Custom-made are available upon request.

FIG I (VERTICAL PASSING THROUGH HOLE VERSION)

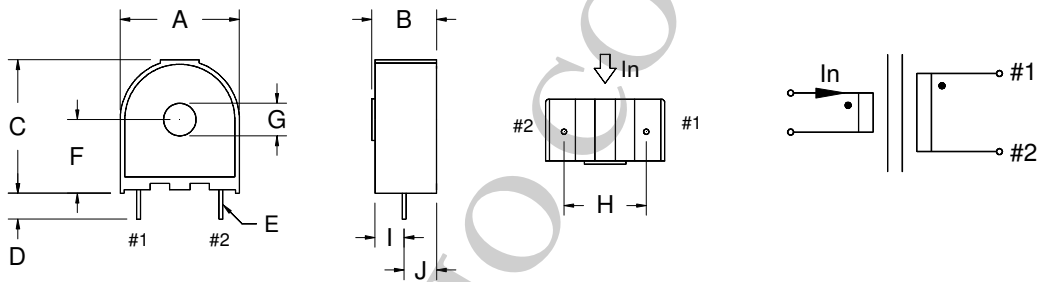
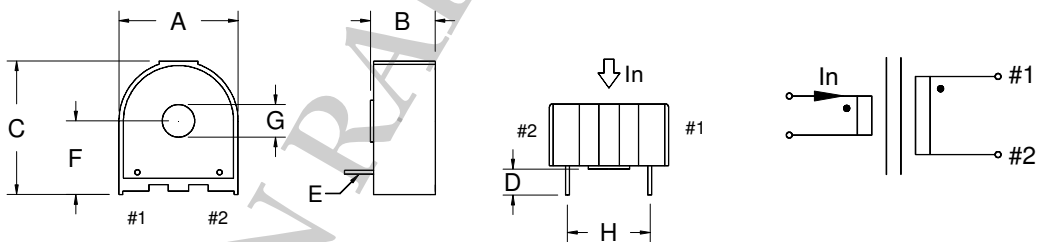
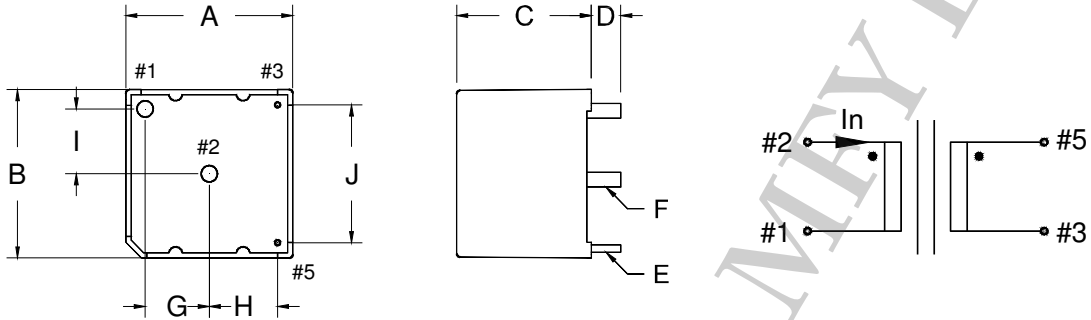


FIG II (HORIZONTAL PASSING THROUGH HOLE VERSION)



Product Series		Dimension (mm)										Weight (g)
		A	B	C	D	E	F	G	H	I	J	
TL440-111	Fig I	18.5	10.0	20.5	4.0	∅0.6	11.3	5.0	12.7	4.5	5.0	9.0
TL440-121	Fig II	18.5	10.0	20.5	4.0	∅0.6	11.3	5.0	12.7	--	--	9.0
TL440-211	Fig I	22.5	13.0	25.0	4.0	∅0.6	13.8	6.0	12.7	6.0	6.5	18.0
TL440-221	Fig II	22.5	13.0	25.0	4.0	∅0.6	13.8	6.0	12.7	--	--	18.0
TL440-311	Fig I	22.5	14.5	25.4	4.0	∅0.6	14.0	6.0	12.7	7.0	7.0	20.0
TL440-321	Fig II	22.5	14.5	25.4	4.0	∅0.6	14.0	6.0	12.7	--	--	20.0
Tolerance		±1.0	±1.0	±1.0	±1.0	±1.0	±1.0	±1.0	±0.5	±0.5	±0.5	approx.

FIG III (WITH INSERTED PRIMARY WIRE VERSION)



Product Series		Dimension (mm)										Weight (g)
		A	B	C	D	E	F	G	H	I	J	
TL440-131	Fig III	18.0	18.5	13.5	4.0	∅0.64	∅0.8	5.0	7.5	7.5	15.0	14.0
TL440-231	Fig III	24.0	24.0	17.5	4.0	∅0.64	∅2.0	9.2	9.3	9.2	18.6	23.0
TL440-331	Fig III	24.0	24.0	19.5	4.0	∅0.64	∅2.0	9.2	9.3	9.2	18.6	25.0
Tolerance		±1.0	±1.0	±1.0	±1.0	±1.0	±1.0	±1.0	±0.5	±0.5	±0.5	approx.

Part Number		Rated Primary Current	Pri : Sec Turns Ratio	Working Frequency	Secondary Current	Secondary DC Resistance (@25°C)	Max. Output Voltage	Phase Shift	Accuracy E% with Burden	Burden Resistance	Dielectric Strength
		Ip(A)	n:1	Hz	Is(mA)	Ω	(mV)	∅	E%	Re(Ω)	Vrms
TL440-111	Fig I	12	1000	50/60	12	25	85	1°	1%	7.0	4000
TL440-121	Fig II	12	1000	50/60	12	25	85	1°	1%	7.0	4000
TL440-131	Fig III	12	1000	50/60	12	25	85	1°	1%	7.0	4000
TL440-211	Fig I	50	1000	50/60	50	42	2.5	2°	1%	50	4000
TL440-221	Fig II	50	1000	50/60	50	42	2.5	2°	1%	50	4000
TL440-231	Fig III	50	1000	50/60	50	42	2.5	2°	1%	50	4000
TL440-311	Fig I	50	1000	50/60	50	23	200	1°	1%	4.0	4000
TL440-321	Fig II	50	1000	50/60	50	23	200	1°	1%	4.0	4000
TL440-331	Fig III	50	1000	50/60	50	23	200	1°	1%	4.0	4000