



# THAI LIN RADIO

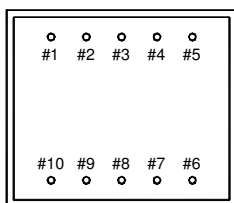
since 1975

Трансформаторы  
герметизированные EI30x5  
0.6VA STANDARD  
ENCAPSULATED  
TRANSFORMER TYPE EI30 / 5

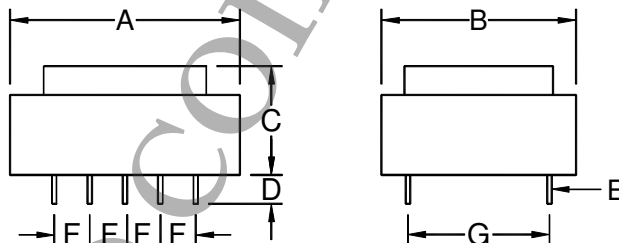


### Type EI30 / 5

- Power – 0.6VA
- Frequency – 50/60 Hz
- Temperature class – Class B (130°C)
- Ambient temperature (ta) – 70°C
- Dielectric strength – 4000Vrms
- Potted under vacuum
- Inherently short-circuit-proof
- Agency approvals
  - TUV / CE: EN61558 / EN60950
  - UL: UL506; UL5085-1 / -2 / -3 (Class 2)
  - C-UL: CSA C22.2 #66 / #66.1 / #66.2 / #66.3
  - CQC: GB19212.1 / GB19212.7



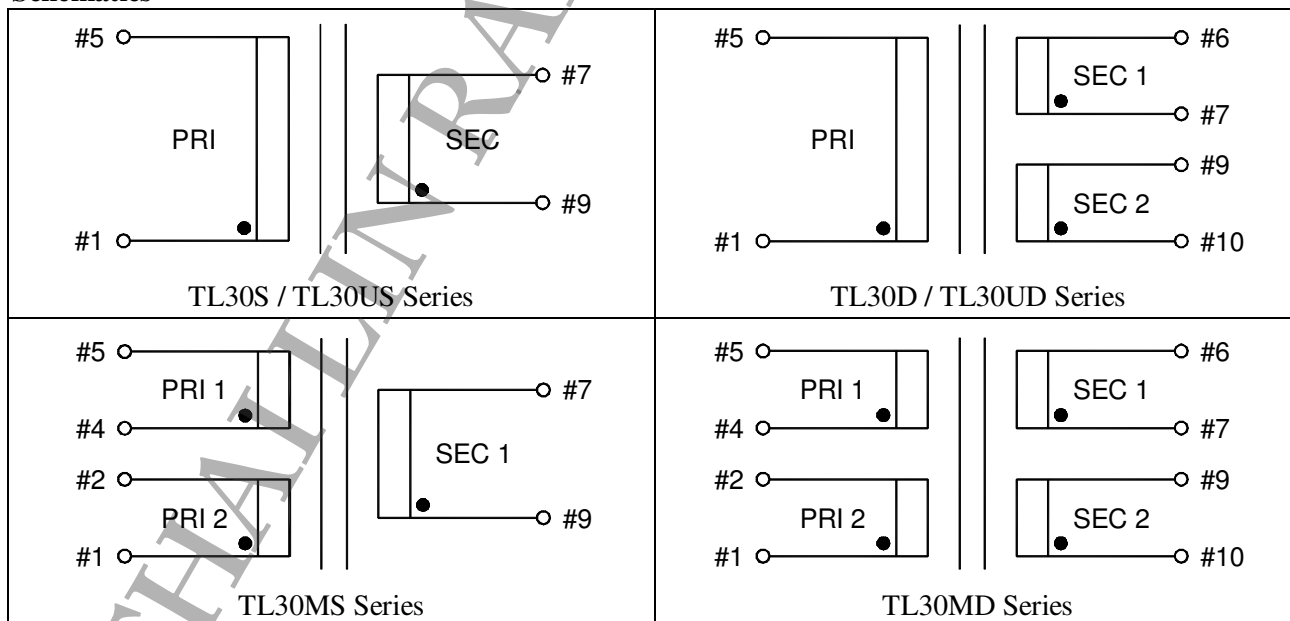
Bottom View



	A	B	C	D	E	F	G	Weight (g)
<b>Dimension (mm)</b>	32.6	27.6	15.2	4.0	SQ0.64	5.0	20.0	40
<b>Tolerance (mm)</b>	±0.5	±0.5	±0.5	±1.0	±0.1	±0.2	±0.5	approx.

Note: Unused pins are omitted for standard parts. Unused pins can be provided upon request.

### Schematics





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ENCAPSULATED  
TRANSFORMER  
TYPE EI30 / 5

Pins Connection (for dual windings items)	Primary	In Series	Pin 1 – Pin 5 (Pins 2, 4 short)
		In Parallel	Pin 1 – Pin 5 (Pins 1, 4 short; Pins 2, 5 short)
	Secondary	In Series	Pin 7 – Pin 9 (Pins 6, 10 short)
		In Parallel	Pin 7 – Pin 9 (Pins 7, 10 short; Pins 6, 9 short)

### Part Number Designation

#### Single input:

Type of Designation		Suffix
1)	TL30x-yyy-zzz (note 1)	CN = Product with CQC (GB19212.1 + GB19212.7) (N) = Product with TUV (EN61558 + EN60950 + CE) (NC2) = Product with TUV & UL-Class 2 (EN61558 + EN60950 + CE + UL5085-3 + CSA C22.2 #66.1 66.3)
2)	TL30Ux-yyy-zzz (note 1)	w/o suffix = Product with UL (UL506 + CSA C22.2 #66) (C2) = Product with UL-Class 2 ( UL5085-3 + CSA C22.2 #66.1 66.3)

#### Dual input:

Type of Designation		Suffix
1)	TL30Mx-yyy-zzz (note 1)	w/o suffix = Product with TUV & UL (EN61558 + EN60950 + CE + UL5085-1/-2 + CSA C22.2 #66.1 66.2) CN = Product with CQC (GB19212.1 + GB19212.7) (C2) = Product with TUV & UL-Class 2 (EN61558 + EN60950 + CE + UL5085-3 + CSA C22.2 #66.1 66.3)
2)	TL30MD-yyy-zzz (note 1)	(Z) = Product with providing unused Pin #8

Note: (1) x = S: one secondary winding

= D: two secondary windings

yyy = 3 digit numbers indicate 10 times the rated output voltage (V)

zzz = 3 digit numbers indicate the rated output current (mA)

(2) In case of need, please add the appropriate suffixes in the part number when ordering.



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STANDARD  
ENCAPSULATED  
TRANSFORMER  
TYPE EI30 / 5

Product Series	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
0.6VA	230	* TL30S-060-100	6	100	* TL30D-060-050	2 x 6	50	70	* UL5085-3 C-UL TUV CE CQC
		* TL30S-072-083	7.2	83	* TL30D-072-042	2 x 7.2	42		
		* TL30S-090-067	9	67	TL30D-090-033	2 x 9	33		
		* TL30S-100-060	10	60	TL30D-100-030	2 x 10	30		
		* TL30S-120-050	12	50	TL30D-120-025	2 x 12	25		
		* TL30S-150-040	15	40	TL30D-150-020	2 x 15	20		
		TL30S-180-033	18	33	TL30D-180-017	2 x 18	17		
		TL30S-240-025	24	25	TL30D-240-012	2 x 24	12		
	115	TL30US-060-100	6	100	TL30UD-060-050	2 x 6	50	70	UL506 C-UL
		TL30US-072-083	7.2	83	TL30UD-072-042	2 x 7.2	42		
		TL30US-090-067	9	67	TL30UD-090-033	2 x 9	33		
		TL30US-100-060	10	60	TL30UD-100-030	2 x 10	30		
		TL30US-120-050	12	50	TL30UD-120-025	2 x 12	25		
		TL30US-150-040	15	40	TL30UD-150-020	2 x 15	20		
		TL30US-180-033	18	33	TL30UD-180-017	2 x 18	17		
		TL30US-240-025	24	25	TL30UD-240-012	2 x 24	12		
115	* TL30US-060-100 (C2)	6	100	* TL30UD-060-050 (C2)	2 x 6	50	70	* UL5085-3 C-UL	
	* TL30US-072-083 (C2)	7.2	83	* TL30UD-072-042 (C2)	2 x 7.2	42			
	* TL30US-090-067 (C2)	9	67						
	* TL30US-100-060 (C2)	10	60						
	* TL30US-120-050 (C2)	12	50						
* TL30US-150-040 (C2)	15	40							
115 (Parallel) or 230 (Series)	* TL30MS-060-100	6	100	* TL30MD-060-050	2 x 6	50	70	* UL5085-3 UL506 C-UL TUV CE CQC	
	* TL30MS-072-083	7.2	83	* TL30MD-072-042	2 x 7.2	42			
	* TL30MS-090-067	9	67	TL30MD-090-033	2 x 9	33			
	* TL30MS-100-060	10	60	TL30MD-100-030	2 x 10	30			
	* TL30MS-120-050	12	50	TL30MD-120-025	2 x 12	25			
	* TL30MS-150-040	15	40	TL30MD-150-020	2 x 15	20			
	TL30MS-180-033	18	33	TL30MD-180-017	2 x 18	17			
	TL30MS-240-025	24	25	TL30MD-240-012	2 x 24	12			

Note: Items marked with "\*" are approved to UL5085-3 (Class 2) & C-UL: CSA C22.2 No. 66-3-06.