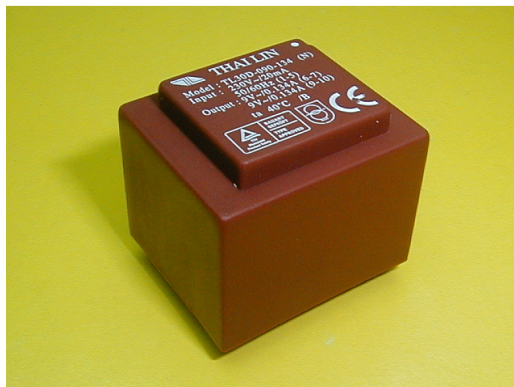


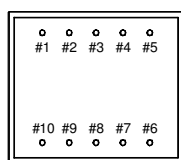
# THAI LIN RADIO since 1975

Трансформаторы герметизированные  
EI30x15.5 1.8-2.6VA STANDARD  
ENCAPSULATED TRANSFORMER  
TYPE EI30 / 15.5

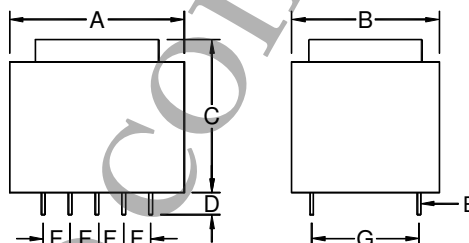


## Type EI30 / 15.5

- Power – 1.8/2.1/2.4/2.6VA
- Frequency – 50/60 Hz
- Temperature class – Class B (130°C)
- Ambient temperature (ta) – 40°C or 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



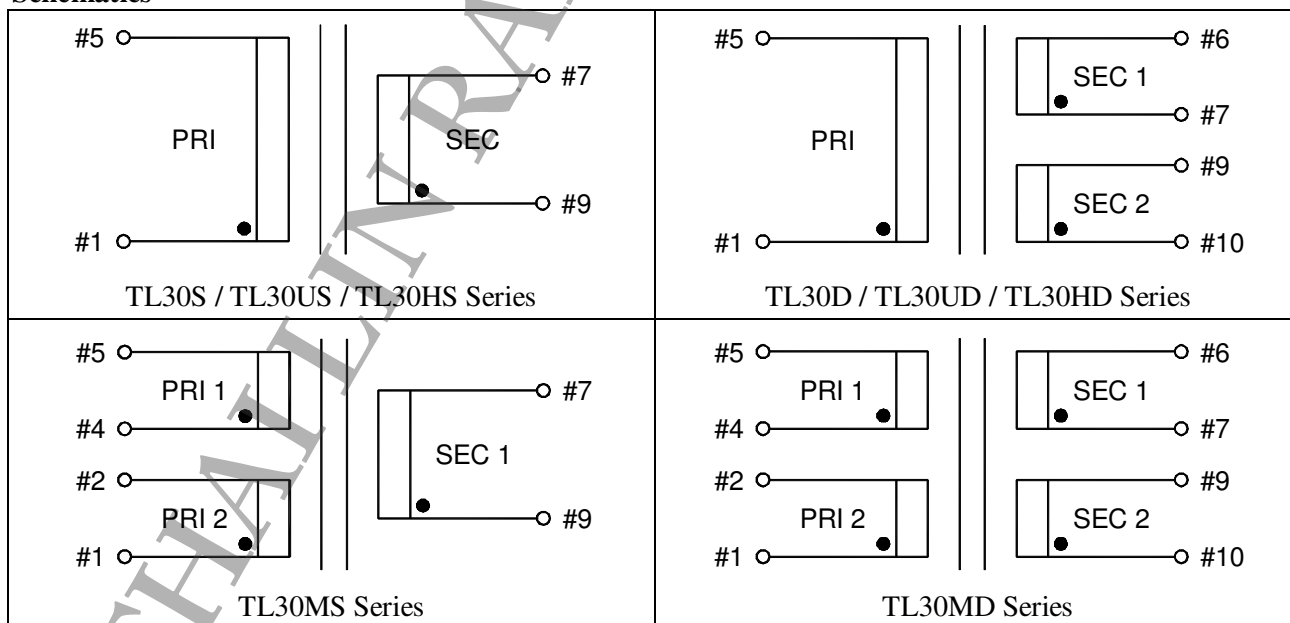
Bottom View



	A	B	C	D	E	F	G	Weight (g)
<b>Dimension (mm)</b>	32.6	27.6	27.8	4.0	SQ0.64	5.0	20.0	100
<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







# THAI LIN RADIO

since 1975

STANDARD  
ENCAPSULATED  
TRANSFORMER  
TYPE EI30 / 15.5

Product Series	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
1.8VA	230	* TL30S-060-300 * TL30S-072-250 * TL30S-090-200 * TL30S-100-180  * TL30S-120-150 * TL30S-150-120 * TL30S-180-100 TL30S-240-076	6 7.2 9 10  12 15 18 24	300 250 200 180  150 120 100 76	* TL30D-060-150 * TL30D-072-125 * TL30D-090-100 TL30D-100-090  TL30D-120-075 TL30D-150-060 TL30D-180-050 TL30D-240-038	2 x 6 2 x 7.2 2 x 9 2 x 10  2 x 12 2 x 15 2 x 18 2 x 24	150 125 100 90  75 60 50 38	70	* UL5085-3 C-UL TUV CE CQC
	115	TL30US-060-300 TL30US-072-250 TL30US-090-200 TL30US-100-180  TL30US-120-150 TL30US-150-120 TL30US-180-100 TL30US-240-076	6 7.2 9 10  12 15 18 24	300 250 200 180  150 120 100 76	TL30UD-060-150 TL30UD-072-125 TL30UD-090-100 TL30UD-100-090  TL30UD-120-075 TL30UD-150-060 TL30UD-180-050 TL30UD-240-038	2 x 6 2 x 7.2 2 x 9 2 x 10  2 x 12 2 x 15 2 x 18 2 x 24	150 125 100 90  75 60 50 38	70	UL506 C-UL
	115	* TL30US-060-300 (C2) * TL30US-072-250 (C2) * TL30US-090-200 (C2) * TL30US-100-180 (C2)  * TL30US-120-150 (C2) * TL30US-150-120 (C2) * TL30US-180-100 (C2)	6 7.2 9 10  12 15 18	300 250 200 180  150 120 100	* TL30UD-060-150 (C2) * TL30UD-072-125 (C2) * TL30UD-090-100 (C2)	2 x 6 2 x 7.2 2 x 9	150 125 100	70	* UL5085-3 C-UL
	115 (Parallel) or 230 (Series)	* TL30MS-060-300 * TL30MS-072-250 * TL30MS-090-200 * TL30MS-100-180  * TL30MS-120-150 * TL30MS-150-120 * TL30MS-180-100 TL30MS-240-076	6 7.2 9 10  12 15 18 24	300 250 200 180  150 120 100 76	* TL30MD-060-150 * TL30MD-072-125 * TL30MD-090-100 TL30MD-100-090  TL30MD-120-075 TL30MD-150-060 TL30MD-180-050 TL30MD-240-038	2 x 6 2 x 7.2 2 x 9 2 x 10  2 x 12 2 x 15 2 x 18 2 x 24	150 125 100 90  75 60 50 38	70	* UL5085-3 UL5085-1/-2 C-UL TUV CE CQC
	400	TL30HS-060-300 TL30HS-072-250 TL30HS-090-200 TL30HS-100-180  TL30HS-120-150 TL30HS-150-120 TL30HS-180-100 TL30HS-240-076	6 7.2 9 10  12 15 18 24	300 250 200 180  150 120 100 76	TL30HD-060-150 TL30HD-072-125 TL30HD-090-100 TL30HD-100-090  TL30HD-120-075 TL30HD-150-060 TL30HD-180-050 TL30HD-240-038	2 x 6 2 x 7.2 2 x 9 2 x 10  2 x 12 2 x 15 2 x 18 2 x 24	150 125 100 90  75 60 50 38	70	--
2.1VA	230	* TL30S-060-350 * TL30S-072-292 * TL30S-090-234 * TL30S-100-210  * TL30S-120-176 * TL30S-150-140 TL30S-180-118 TL30S-240-088	6 7.2 9 10  12 15 18 24	350 292 234 210  176 140 118 88	* TL30D-060-175 * TL30D-072-146 TL30D-090-117 TL30D-100-105  TL30D-120-088 TL30D-150-070 TL30D-180-059 TL30D-240-044	2 x 6 2 x 7.2 2 x 9 2 x 10  2 x 12 2 x 15 2 x 18 2 x 24	175 146 117 105  88 70 59 44	70	* UL5085-3 C-UL TUV CE CQC

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

# THAI LIN RADIO since 1975

STANDARD  
ENCAPSULATED  
TRANSFORMER  
TYPE EI30 / 15.5

Product Series	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
2.1VA	115	TL30US-060-350	6	350	TL30UD-060-175	2 x 6	175	70	UL506 C-UL
		TL30US-072-292	7.2	292	TL30UD-072-146	2 x 7.2	146		
		TL30US-090-234	9	234	TL30UD-090-117	2 x 9	117		
		TL30US-100-210	10	210	TL30UD-100-105	2 x 10	105		
		TL30US-120-176	12	176	TL30UD-120-088	2 x 12	88		
		TL30US-150-140	15	140	TL30UD-150-070	2 x 15	70		
	115 (Parallel) or 230 (Series)	* TL30US-060-350 (C2)	6	350	* TL30UD-060-175 (C2)	2 x 6	175	70	* UL5085-3 C-UL
		* TL30US-072-292 (C2)	7.2	292	* TL30UD-072-146 (C2)	2 x 7.2	146		
		* TL30US-090-234 (C2)	9	234					
		* TL30US-100-210 (C2)	10	210					
		* TL30US-120-176 (C2)	12	176					
		* TL30US-150-140 (C2)	15	140					
400	115 (Parallel) or 230 (Series)	* TL30MS-060-350	6	350	* TL30MD-060-175	2 x 6	175	70	* UL5085-3 UL5085-1/-2 C-UL TUV CE CQC
		* TL30MS-072-292	7.2	292	* TL30MD-072-146	2 x 7.2	146		
		* TL30MS-090-234	9	234	TL30MD-090-117	2 x 9	117		
		* TL30MS-100-210	10	210	TL30MD-100-105	2 x 10	105		
		* TL30MS-120-176	12	176	TL30MD-120-088	2 x 12	88		
		* TL30MS-150-140	15	140	TL30MD-150-070	2 x 15	70		
	400	TL30HS-060-350	6	350	TL30HD-060-175	2 x 6	175	70	--
		TL30HS-072-292	7.2	292	TL30HD-072-146	2 x 7.2	146		
		TL30HS-090-234	9	234	TL30HD-090-117	2 x 9	117		
		TL30HS-100-210	10	210	TL30HD-100-105	2 x 10	105		
		TL30HS-120-176	12	176	TL30HD-120-088	2 x 12	88		
		TL30HS-150-140	15	140	TL30HD-150-070	2 x 15	70		
2.4VA	230	TL30S-060-400	6	400	TL30D-060-200	2 x 6	200	40	TUV CE CQC
		TL30S-072-334	7.2	334	TL30D-072-167	2 x 7.2	167		
		TL30S-090-268	9	268	TL30D-090-134	2 x 9	134		
		TL30S-100-240	10	240	TL30D-100-120	2 x 10	120		
		TL30S-120-200	12	200	TL30D-120-100	2 x 12	100		
		TL30S-150-160	15	160	TL30D-150-080	2 x 15	80		
	115	TL30S-180-134	18	134	TL30D-180-067	2 x 18	67	40	UL506 C-UL
		TL30S-240-100	24	100	TL30D-240-050	2 x 24	50		
		TL30US-060-400	6	400	TL30UD-060-200	2 x 6	200		
		TL30US-072-334	7.2	334	TL30UD-072-167	2 x 7.2	167		
		TL30US-090-268	9	268	TL30UD-090-134	2 x 9	134		
		TL30US-100-240	10	240	TL30UD-100-120	2 x 10	120		
115	TL30US-120-200	12	200	TL30UD-120-100	2 x 12	100	40	UL506 C-UL	
	TL30US-150-160	15	160	TL30UD-150-080	2 x 15	80			
	TL30US-180-134	18	134	TL30UD-180-067	2 x 18	67			
	TL30US-240-100	24	100	TL30UD-240-050	2 x 24	50			

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



# THAI LIN RADIO

since 1975

STANDARD  
ENCAPSULATED  
TRANSFORMER  
TYPE EI30 / 15.5

Product Series	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval	
		Part Number	Secondary Rating		Part Number	Secondary Rating				
			(V)	(mA)		(V)	(mA)			
2.4VA	115 (Parallel) or 230 (Series)	TL30MS-060-400	6	400	TL30MD-060-200	2 x 6	200	40	UL5085-1/-2 C-UL TUV CE CQC	
		TL30MS-072-334	7.2	334	TL30MD-072-167	2 x 7.2	167			
		TL30MS-090-268	9	268	TL30MD-090-134	2 x 9	134			
		TL30MS-100-240	10	240	TL30MD-100-120	2 x 10	120			
		TL30MS-120-200	12	200	TL30MD-120-100	2 x 12	100			
		TL30MS-150-160	15	160	TL30MD-150-080	2 x 15	80			
		TL30MS-180-134	18	134	TL30MD-180-067	2 x 18	67			
	TL30MS-240-100	24	100	TL30MD-240-050	2 x 24	50				
	400	TL30HS-060-400	6	400	TL30HD-060-200	2 x 6	200		40	--
		TL30HS-072-334	7.2	334	TL30HD-072-167	2 x 7.2	167			
		TL30HS-090-268	9	268	TL30HD-090-134	2 x 9	134			
		TL30HS-100-240	10	240	TL30HD-100-120	2 x 10	120			
		TL30HS-120-200	12	200	TL30HD-120-100	2 x 12	100			
		TL30HS-150-160	15	160	TL30HD-150-080	2 x 15	80			
TL30HS-180-134		18	134	TL30HD-180-067	2 x 18	67				
TL30HS-240-100	24	100	TL30HD-240-050	2 x 24	50					
2.6VA	230	TL30S-060-433	6	433	TL30D-060-216	2 x 6	216	40	TUV CE CQC	
		TL30S-072-361	7.2	361	TL30D-072-180	2 x 7.2	180			
		TL30S-090-289	9	289	TL30D-090-144	2 x 9	144			
		TL30S-100-260	10	260	TL30D-100-130	2 x 10	130			
		TL30S-120-216	12	216	TL30D-120-108	2 x 12	108			
		TL30S-150-173	15	173	TL30D-150-086	2 x 15	86			
		TL30S-180-144	18	144	TL30D-180-072	2 x 18	72			
		TL30S-240-108	24	108	TL30D-240-054	2 x 24	54			
	115	TL30US-060-433	6	433	TL30UD-060-216	2 x 6	216	40	UL5085-1/-2 C-UL	
		TL30US-072-361	7.2	361	TL30UD-072-180	2 x 7.2	180			
		TL30US-090-289	9	289	TL30UD-090-144	2 x 9	144			
		TL30US-100-260	10	260	TL30UD-100-130	2 x 10	130			
		TL30US-120-216	12	216	TL30UD-120-108	2 x 12	108			
		TL30US-150-173	15	173	TL30UD-150-086	2 x 15	86			
		TL30US-180-144	18	144	TL30UD-180-072	2 x 18	72			
		TL30US-240-108	24	108	TL30UD-240-054	2 x 24	54			
	115 (Parallel) or 230 (Series)	TL30MS-060-433	6	433	TL30MD-060-216	2 x 6	216	40	UL5085-1/-2 C-UL TUV CE CQC	
		TL30MS-072-361	7.2	361	TL30MD-072-180	2 x 7.2	180			
		TL30MS-090-289	9	289	TL30MD-090-144	2 x 9	144			
		TL30MS-100-260	10	260	TL30MD-100-130	2 x 10	130			
		TL30MS-120-216	12	216	TL30MD-120-108	2 x 12	108			
		TL30MS-150-173	15	173	TL30MD-150-086	2 x 15	86			
		TL30MS-180-144	18	144	TL30MD-180-072	2 x 18	72			
		TL30MS-240-108	24	108	TL30MD-240-054	2 x 24	54			
	400	TL30HS-060-433	6	433	TL30HD-060-216	2 x 6	216	40	--	
		TL30HS-072-361	7.2	361	TL30HD-072-180	2 x 7.2	180			
		TL30HS-090-289	9	289	TL30HD-090-144	2 x 9	144			
		TL30HS-100-260	10	260	TL30HD-100-130	2 x 10	130			
TL30HS-120-216		12	216	TL30HD-120-108	2 x 12	108				
TL30HS-150-173		15	173	TL30HD-150-086	2 x 15	86				
TL30HS-180-144		18	144	TL30HD-180-072	2 x 18	72				
TL30HS-240-108		24	108	TL30HD-240-054	2 x 24	54				

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