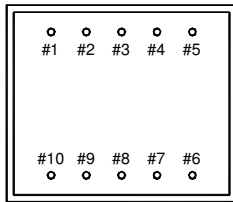


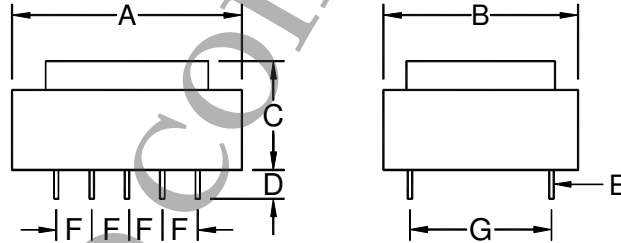


Type EI30 / 5

- 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



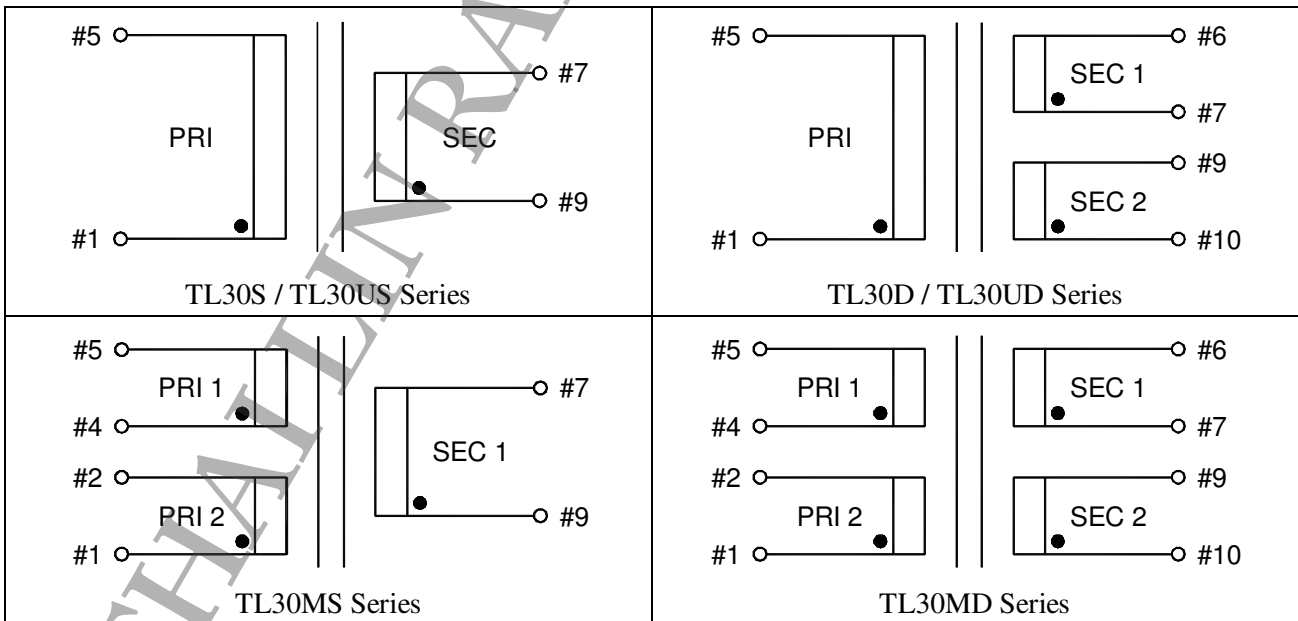
Bottom View



	A	B	C	D	E	F	G	Weight (g)
Dimension (mm)	32.6	27.6	15.2	4.0	SQ0.64	5.0	20.0	40
Tolerance (mm)	±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



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.

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.

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