



FLYBACK TRANSFORMERS

EE16

1 to 10 W

- Ambient Temperature $\leq 50^{\circ}\text{C}$
- Primary Reflected Voltage = 90 to 120V
- Dielectric Strength $\geq 3750\text{Vac}$
- Creepage Distances $\geq 6\text{mm}$
- Construction conforms to CEI950, CEI335, CEI61558 for reinforced insulation
- Secondaries may be series connected
- Output power can be delivered with any combination of secondaries within the max current limits.

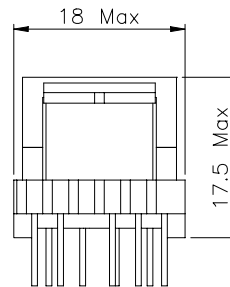
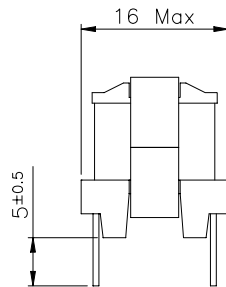
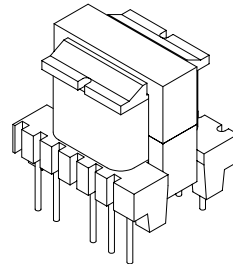
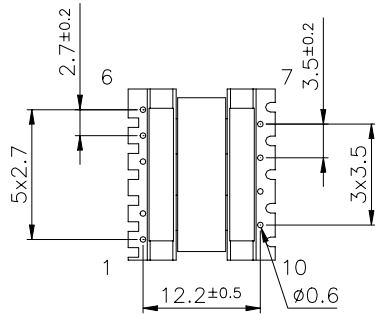
MYRRA Part N°	Control IC	Mains Voltage Range Vac	Total output Power (max) Watts	Outputs				Frequency kHz	Primary Inductance μH	Pinout	Remarks
				S1		S2					
				Voltage Range Vdc	Max Current Adc	Voltage Range Vdc	Max Current Adc				
74000	VIPer20	85 - 265	4	4,5 - 6	0,95	11 - 15	0,35	70	3900	Fig.1	
	TOP221P	85 - 265	4	3,3 - 7	1,2	8 - 17	0,35	100			
74001	VIPer20	85 - 265	6	5	1,2			70	3000	Fig.2	Note 1
	VIPer20	85 - 265	3	5	0,6			40			
	TOP221P	185 - 265	6	3 - 6	1,2			100			
	TOP221P	85 - 265	4,5	3 - 6	0,9			100			
	MC33369	85 - 265	6	3,3 - 6	1,2			100			
	TDA16831	185 - 265	6	4 - 6	1,2			100			
74002	VIPer20	85 - 265	6	14	0,43			70	3000	Fig.2	Note 1
	VIPer20	85 - 265	3	14	0,21			40			
	TOP221P	185 - 265	6	9 - 18	0,5			100			
	TOP221P	85 - 265	4,5	9 - 18	0,4			100			
	MC33369	85 - 265	6	10 - 18	0,5			100			
	TDA16831	185 - 265	6	11,5 - 17	0,5			100			
74003	VIPer20	85 - 265	6	2,5 - 3,5	1,8	4 - 5,2	1,2	70	3000	Fig.3	
	VIPer20	85 - 265	3	2,5 - 3,5	0,9	4 - 5,2	0,6	40			
	TOP221P	85 - 265	4,5	2 - 4	1,8	3 - 6	1,2	100			
	TOP221P	185 - 265	5	2 - 4	1,8	3 - 6	1,2	100			
	MC33369	85 - 265	6	2,5 - 4	1,8	3,8 - 6	1,2	100			
	TDA16831	185 - 265	6	3 - 4	1,8	4,5 - 6	1,2	100			
74010	VIPer20	85 - 265	8	4,5 - 6	1,6	11 - 15	0,7	70	1660	Fig.1	
	VIPer20	185 - 265	10	4,5 - 6	2	11 - 15	0,85	70			
	TOP222P	85 - 265	8	3,3 - 7	1,6	8 - 17	0,7	100			
	TOP222P	185 - 265	10	3,3 - 7	2	8 - 17	0,85	100			
	MC33369	85 - 265	8	4 - 7	1,6	10 - 17	0,7	100			
	MC33369	185 - 265	10	4 - 7	2	10 - 17	0,85	100			
	TDA16831	92 - 265	7,5	4,8 - 6	1,5	12 - 15	0,62	100			
	TDA16831	185 - 265	10	4,8 - 6	2	12 - 15	0,85	100			
	KA5L0165R	85 - 265	7	5 - 7	1,4	12,5 - 17	0,6	50			
	KA5H0165RN	185 - 265	10	5,6 - 7	1,8	14 - 17	0,7	100			

Note 1 : Regulation with auxiliary winding

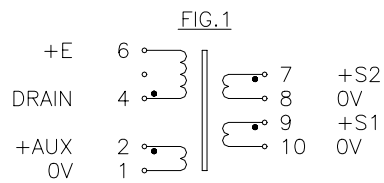
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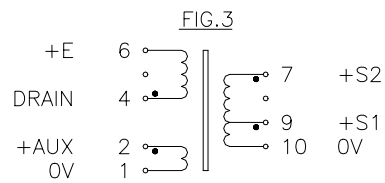
EE 16



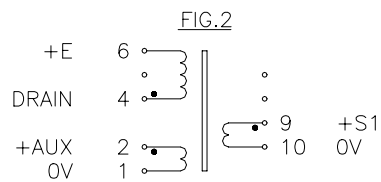
VIEW FROM PIN SIDE
PCB DRILLING DIAMETER 1.1mm



PIN 3 REMOVED



PIN 3 REMOVED



PIN 3 REMOVED