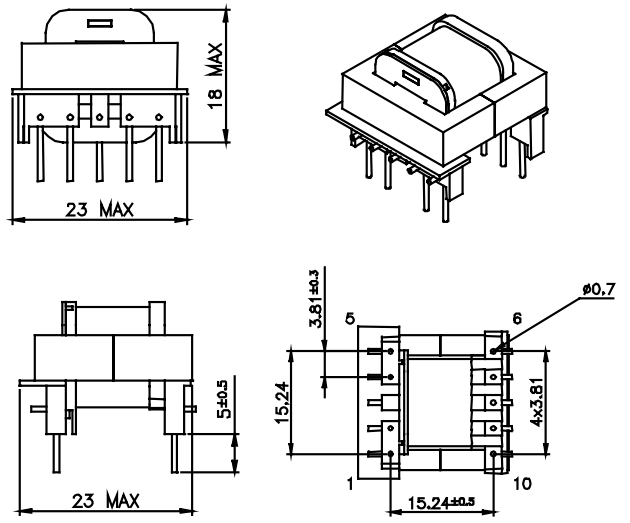
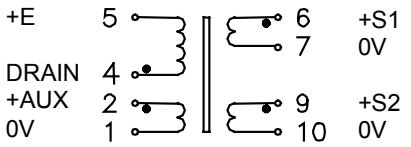
SIZE EF20 - 2 or 3 OUTPUTS: 5/5v or 12/12v or 3.3+5/12v - FLYBACK TRANSFORMER

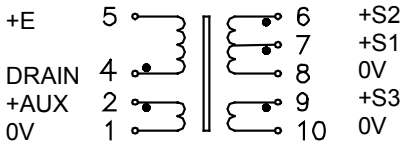
Primary / Secondary Insulation ≥ 4000V - Primary / Auxiliary Insulation ≥ 1500V
Creepage distance Primary / Secondary ≥ 8mm
Ambient temperature < 50°C
Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
Exclusively uses UL94-V0 listed materials



Bottom View (Pin side)



74080 - 74082



74081

PIN 3 Removed
PCB Drilling Diameter = 1.2mm

MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74080	24 w	Pri	4 – 5	86	80 – 135 (VOR)	1.0 Apeak	1000µH
		Aux	2 – 1	12	11 - 18 Vdc	0.3 Adc	
		S1	6 – 7	10	9 – 15 Vdc	1.5 Adc	
		S2	9 – 10	10	9 – 15 Vdc	1.5 Adc	
74081	20 w	Pri	4 – 5	80	75 (VOR)	0.9 Apeak	1100µH
		Aux	2 – 1	17	15 Vdc	0.3 Adc	
		S1	7 – 8	4	3.3 Vdc	3 Adc Sum S1+S2	
		S2	6 – 8	6	5 Vdc		
		S3	9 – 10	14	12 Vdc	1.3 Adc	
74082	20 w	Pri	4 – 5	86	60 – 135 (VOR)	0.85 Apeak	1300µH
		Aux	2 – 1	12	7 - 18 Vdc	0.3 Adc	
		S1	6 – 7	5	3 – 7.5 Vdc	2.0 Adc	
		S2	9 – 10	5	3 – 7.5 Vdc	2.0 Adc	

Note for 74080 and 74082 : S1 and S2 can be connected in series or in parallel

Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Control IC P / N	Input voltage	Power	Frequency
74080	Power Integrations	TOP243P	185 - 265Vrms	24w	132kHz
	Power Integrations	TOP243P	85 - 265Vrms	15w	132kHz
74081	Power Integrations	TOP243P	185 - 265Vrms	20w	132kHz
	Power Integrations	TOP243P	85 – 265Vrms	12w	132kHz
74082	Power Integrations	TOP243P	185 - 265Vrms	20w	132kHz
	Power Integrations	TOP243P	85 – 265Vrms	14w	132kHz
	Power Integrations	TNY268	185 - 265Vrms	17w	< 120kHz