

- Primary / Secondary Insulation $\geq 4000V$ • Primary / Auxiliary Insulation $\geq 1500V$
- Creepage distance Primary / Secondary $\geq 8mm$
- Ambient temperature $< 50^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials

+E 5

DRAIN 4

+AUX 2

0V 1

74080 - 74082

6 +S1

7 0V

9 +S2

10 0V

+E 5

DRAIN 4

+AUX 2

0V 1

74081

6 +S2

7 +S1

8 0V

9 +S3

10 0V

PIN 3 Removed
PCB Drilling Diameter = 1.2mm

Bottom View (Pin side)

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	
		S2	6 - 8	6	5 Vdc	Sum S1+S2	
		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