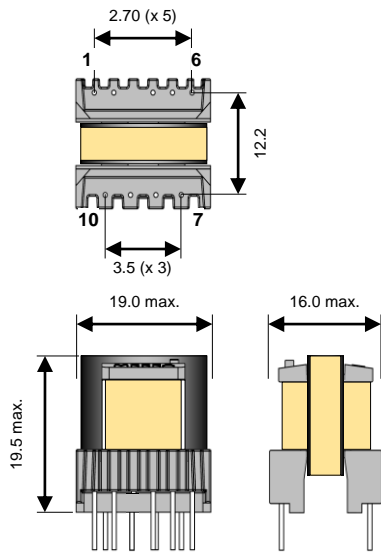


MYRRA P/N <b>74210</b>	Type <b>FLYBACK</b>	Outputs <b>5 and 12 V</b>	Size <b>E16</b>
---------------------------	------------------------	------------------------------	--------------------

Product designation

## FLYBACK TRANSFORMER - E16 - 5 + 12 V - 12 W

### I MECHANICAL CHARACTERISTICS - PINOUT

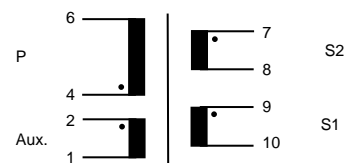


Terminals	
Pins	Ø 0.60 +/- 0.10 mm
PCB recommended drilling diameter	1.1 mm
Pins length	4.0 +/- 0.5 mm
Missing pin	position 3
Tolerances	
General tolerance	+/- 0.5 mm
Pins pitch tolerance	+/- 0.25 mm
Pins row tolerance	+/- 0.5 mm

### II ELECTRICAL CHARACTERISTICS - ENVIRONMENTAL

Typical use at ambient 50 °C

MYRRA P/N	Maximum output power	Windings					
			Pins	Turns	Voltage	Maximum current	Inductance (+/- 10 %)
74210	12.0 W	P	4 - 6	120	85 ~ 265 V <sub>rms</sub>	0.55 A <sub>pk</sub>	1.66 mH
		Aux.	2 - 1	14	7.0 ~ 14.0 V <sub>DC</sub>	0.10 A <sub>DC</sub>	
		S1	9 - 10	7	3.3 ~ 7.0 V <sub>DC</sub>	2.00 A <sub>DC</sub>	
		S2	7 - 8	17	8.0 ~ 17.0 V <sub>DC</sub>	1.00 A <sub>DC</sub>	



Operating temperature - 40 / + 120 °C (including temperature rise)  
Storage temperature - 40 / + 85 °C

### III SAFETY - APPROVAL

RoHS and REACH compliant  
UL94 V-0 materials  
Construction conforms to the certified MYRRA Class B UL Electrical Insulation System E113497-B1  
Primary + Auxiliary / Secondaries insulation :  
Reinforced insulation as per IEC60335-1, IEC60950-1 and IEC61558-2-16  
PD2 - creepage distances ≥ 6.0 mm  
4.0 kV dielectric test



July, 25<sup>th</sup> 2019