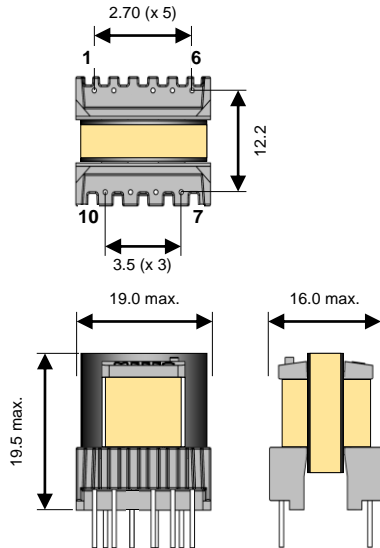


MYRRA P/N 74214	Type FLYBACK	Outputs 2 x 24 V	Size E16
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Product designation

FLYBACK TRANSFORMER - E16 - 2 x 24 V - 12 W

I MECHANICAL CHARACTERISTICS - PINOUT

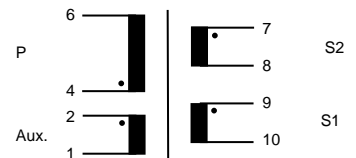


Terminals	
Pins	Ø 0.60 +/- 0.10 mm
PCB recommended drilling diameter	1.1 mm
Pins length	4.0 +/- 0.5 mm
Missing pin	position 3
Tolerances	
General tolerance	+/- 0.5 mm
Pins pitch tolerance	+/- 0.25 mm
Pins row tolerance	+/- 0.5 mm

II ELECTRICAL CHARACTERISTICS - ENVIRONMENTAL

Typical use at ambient 50 °C

MYRRA P/N	Maximum output power	Windings					
			Pins	Turns	Voltage	Maximum current	Inductance (+/- 10 %)
74214	12.0 W	P	4 - 6	120	85 ~ 265 V _{rms}	0.50 A _{pk}	1.80 mH
		Aux.	2 - 1	17	9.0 ~ 18.0 V _{DC}	0.20 A _{DC}	
		S1	9 - 10	27	15.0 ~ 30.0 V _{DC}	0.40 A _{DC}	
		S2	7 - 8	27	15.0 ~ 30.0 V _{DC}	0.40 A _{DC}	



Possible output configurations

Outputs	Connections of the windings
24.0 V - 0.5 A	S1 and S2 in parallel
48 V - 0.25 A	S1 and S2 in series (pins 8 and 9 linked)
+15 / -15 V - 0.4 A	Pins 8 and 9 both connected to 0 V

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, 25th 2019