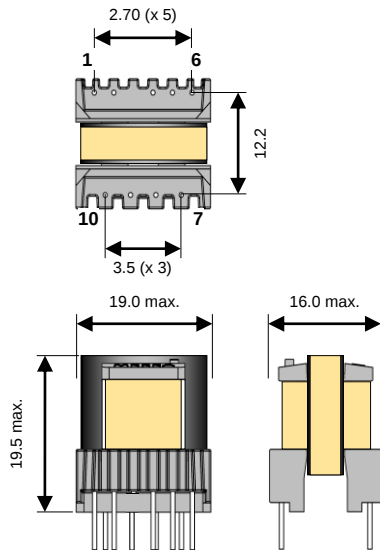


MYRRA P/N 74290 - 74291	Type FLYBACK for TINY SWITCH controllers	Outputs 5 V or 12 V	Size E16
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Product designation

FLYBACK TRANSFORMERS - E16 - 5 V or 12 V - 1.5 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

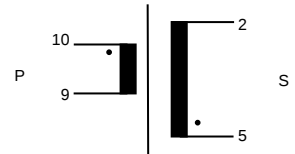
General tolerance	+/- 0.5 mm
Pins pitch tolerance	+/- 0.25 mm
Pins row tolerance	+/- 0.5 mm

II ELECTRICAL CHARACTERISTICS - ENVIRONMENTAL

Typical use at ambient 50 °C

MYRRA P/N	Maximum output power	Windings				
			Pins	Turns	Voltage	Maximum current
74290	1.5 W	P	10 - 9	228	85 ~ 265 V _{rms}	0.28 A _{pk}
		S	5 - 2	16	3.3 ~ 6.0 V _{DC}	0.40 A _{DC}
74291	1.5 W	P	10 - 9	228	85 ~ 265 V _{rms}	0.28 A _{pk}
		S	5 - 2	28	7.5 ~ 15.0 V _{DC}	0.20 A _{DC}

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 / Secondary 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