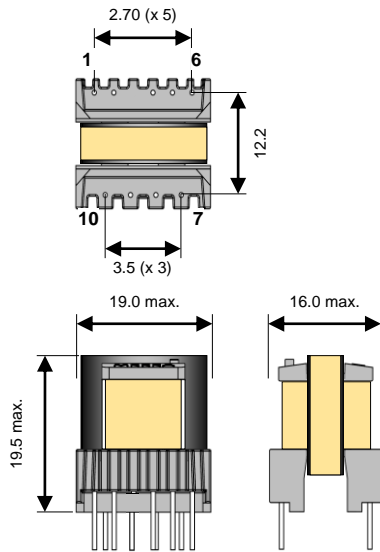


MYRRA P/N 74294 - 74295	Type FLYBACK for TINY SWITCH controllers	Outputs 5 V or 12 V	Size E16
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Product designation

FLYBACK TRANSFORMERS - E16 - 5 V or 12 V - 9 W

I MECHANICAL CHARACTERISTICS - PINOUT

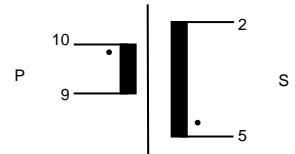


Terminals	
Pins	Ø 0.60 +/- 0.10 mm
PCB recommended drilling diameter	1.1 mm
Pins length	4.0 +/- 0.5 mm
Missing pin	position 3
Tolerances	
General tolerance	+/- 0.5 mm
Pins pitch tolerance	+/- 0.25 mm
Pins row tolerance	+/- 0.5 mm

II ELECTRICAL CHARACTERISTICS - ENVIRONMENTAL

Typical use at ambient 50 °C

MYRRA P/N	Maximum output power	Windings					
			Pins	Turns	Voltage	Maximum current	Inductance (+/- 10 %)
74094	9.0 W	P	10 - 9	135	85 ~ 265 V _{rms}	0.48 A _{pk}	2.1 mH
		S	5 - 2	9	3.3 ~ 6.0 V _{DC}	1.50 A _{DC}	
74095	9.0 W	P	10 - 9	135	85 ~ 265 V _{rms}	0.48 A _{pk}	2.1 mH
		S	5 - 2	17	7.5 ~ 15.0 V _{DC}	0.90 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