

MYRRA P/N

**74292 - 74293**

Type

**FLYBACK**  
for TINY SWITCH controllers

Outputs

**5 V or 12 V**

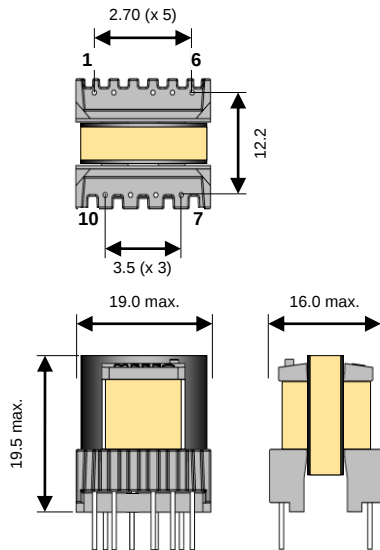
Size

**E16**

Product designation

## FLYBACK TRANSFORMERS - E16 - 5 V or 12 V - 3.1 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

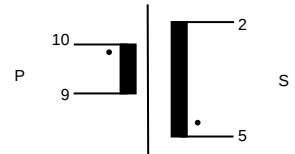
|                      |             |
|----------------------|-------------|
| General tolerance    | +/- 0.5 mm  |
| Pins pitch tolerance | +/- 0.25 mm |
| Pins row tolerance   | +/- 0.5 mm  |

### II ELECTRICAL CHARACTERISTICS - ENVIRONMENTAL

Typical use at ambient 50 °C

| MYRRA P/N | Maximum output power | Windings |        |       |                            |                      |                       |
|-----------|----------------------|----------|--------|-------|----------------------------|----------------------|-----------------------|
|           |                      |          | Pins   | Turns | Voltage                    | Maximum current      | Inductance (+/- 10 %) |
| 74292     | 3.1 W                | P        | 10 - 9 | 191   | 85 ~ 265 V <sub>rms</sub>  | 0.34 A <sub>pk</sub> | 4.2 mH                |
|           |                      | S        | 5 - 2  | 13    | 3.3 ~ 6.0 V <sub>DC</sub>  | 0.90 A <sub>DC</sub> |                       |
| 74293     | 3.1 W                | P        | 10 - 9 | 191   | 85 ~ 265 V <sub>rms</sub>  | 0.34 A <sub>pk</sub> | 4.2 mH                |
|           |                      | S        | 5 - 2  | 24    | 7.5 ~ 15.0 V <sub>DC</sub> | 0.40 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 / 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, 25<sup>th</sup> 2019