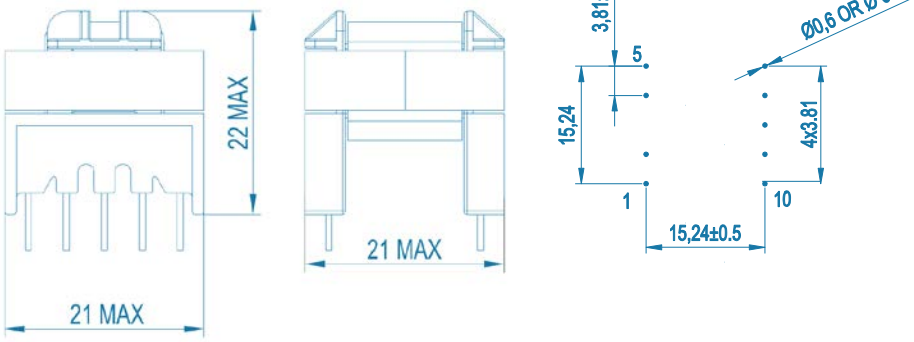
PRODUCT DATASHEET

Type	Size	Output	MYRRA P/N
FLYBACK	**EF20**	**5 + 5 V or 12 + 12 V or 3.3 + 5 + 12 V**	**74087 - 74088 - 74089**

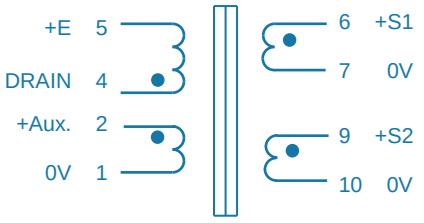
Product designation

FLYBACK TRANSFORMER - EF20

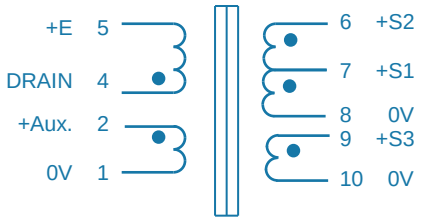
MECHANICAL CHARACTERISTICS - PINOUT



Pin 3 Removed
PCB drilling diameter : 1.2 mm



74087 - 74089



74088

ELECTRICAL CHARACTERISTICS

MYRRA P/N	Maximum output power	Windings					
			Pins	Turns	Voltage	Maximum current	Inductance (+/- 10 %)
74087	24.0 W	P	4 - 5	86	85 ~ 265 V_{rms}	1.0 A_{pk}	1.0 mH
		Aux.	2 - 1	12	11.0 - 18.0 V_{DC}	0.3 A_{DC}	
		S1	6 - 7	10	9.0 - 15.0 V_{DC}	1.50 A_{DC}	
		S2	9 - 10	10	9.0 - 15.0 V_{DC}	1.50 A_{DC}	
74088	20.0 W	P	4 - 5	80	85 ~ 265 V_{rms}	0.90 A_{pk}	1.1 mH
		Aux.	2 - 1	17	15.0 V_{DC}	0.30 A_{DC}	
		S1	7 - 8	4	3.3 V_{DC}	S1 + S2 : 7.0 A_{DC}	
		S2	6 - 8	6	5.0 V_{DC}		
		S3	9 - 10	14	12.0 V_{DC}	1.3 A_{DC}	
74089	20.0 W	P	4 - 5	86	85 ~ 265 V_{rms}	0.85 A_{pk}	1.3 mH
		Aux.	2 - 1	12	7.0 - 18.0 V_{DC}	0.30 A_{DC}	
		S1	6 - 7	5	3.0 - 7.5 V_{DC}	2.00 A_{DC}	
		S2	9 - 10	5	3.0 - 7.5 V_{DC}	2.00 A_{DC}	

REMARKS

RoHS compliant

UL94 V-0 materials

Class B

Ambient temperature: 50 °C max.

P / S :

Creepage distances ≥ 8.0 mm
4.0 kV dielectric test
Construction conforms to IEC60950, IEC60335 and IEC61558-2-16 for reinforced isolation