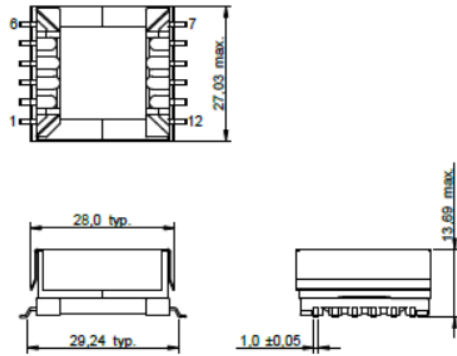


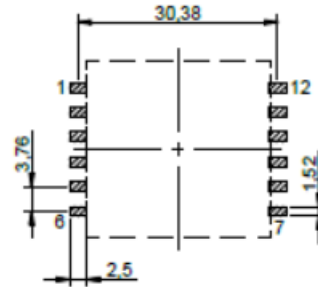


Doc.no:	S-002_06
Version:	V1.0
Last updated:	2024.03.19

A – Dimensions: [mm]



B – Recommended land pattern:



Scale - 1:1

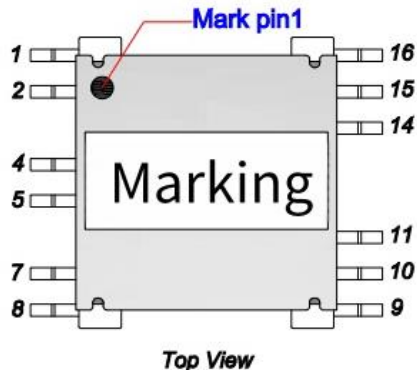
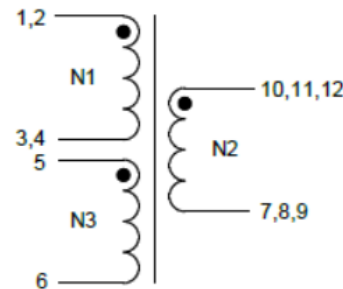
D – Electrical Properties:

Properties	Test conditions		Value	Unit	Tol.
Inductance	100kHz / 0.3V	L	6	uH	±10%
Turns ratio	N1:N2:n3	T	3:1:2		
DC Resistance n1	@25°C	R	0.02	Ω	Max.
DC Resistance n2	@25°C	R	0.006	Ω	Max.
DC Resistance n3	@25°C	R	0.05	Ω	Max.
Leakage inductance	100kHz / 0.3V	L	0.4	uH	Max.
Insulation voltage	Pri – Sec	V	> 2k	AC	

E – Application Properties:

Properties		Value	Unit
Input voltage	Ui	20 – 48	V (DC)
Output voltage	Uo	5	V
Output current	Io	9	A
Auxiliary voltage	Uaux	10	V
Switching frequency	fswitch	65 – 300	kHz

C – Schematic



E – General information:

It is recommended that the temperature of the part does not exceed +125 °C under worse case conditions.

- Storage Temperature: - 20°C to 60 °C
- Operating Temperature: - 40°C to 125 °C
- Test conditions of Electrical Properties: 20°C, 40% RH

Available for SMD reel package.

REV.	Description/Reason	Date
A	Created	2024.12.20

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Item Description	Trafo EFD25_SMD Lp=6uH +/-10%	
Hipower P/N	O-24156	
Revision	Designed by	Approved by
A	GAZ	JEP