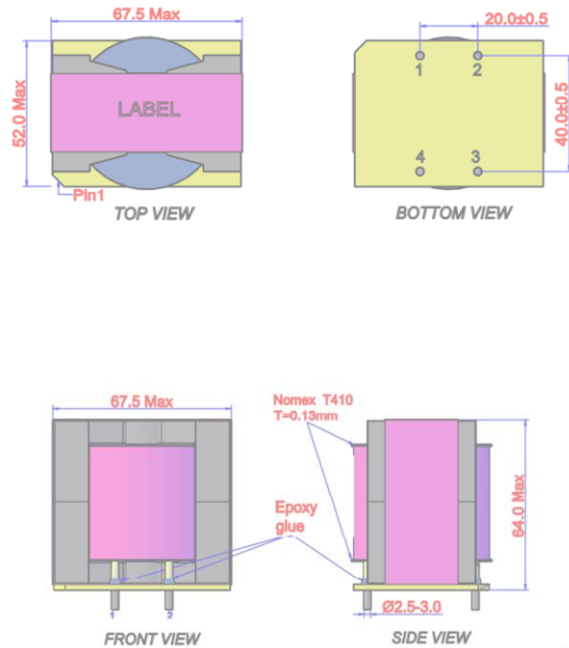


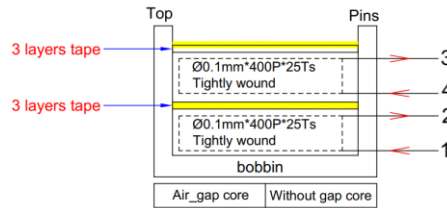


Doc.no:	S-002_06
Version:	V1.0
Last updated:	2024.03.19

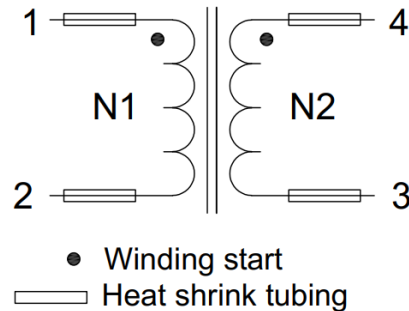
A – Dimensions: [mm]



B – Construction of winding:



C – Schematic



D – Electrical Properties:

Properties	Test conditions	Value	Unit	Tol.
Inductance	100.0KHz 0.3VAC	6	mH	Min.
Turns ratio		1 : 1		±1%
Saturation current		21	Amps	
DC Resistance			mΩ	Max
Leakage inductance				
Insulation voltage	4000Vac	50Hz/3mA		

E – Application Properties:

Properties		Value	Unit
Input voltage	Ui	-	V (DC)
Output voltage	Uo	-	V
Output current	Io	16	A
Auxiliary voltage	Uaux	-	V
Switching frequency	fswitch	65 – 500	kHz

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

REV.	Description/Reason	Date
A	First version	2026.05.21

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Item Description	HF transformer PQ65 Lp=6mH 16A	
Hipower P/N	605040	
Revision	Designed by	Approved by
A	HAY	JEP