

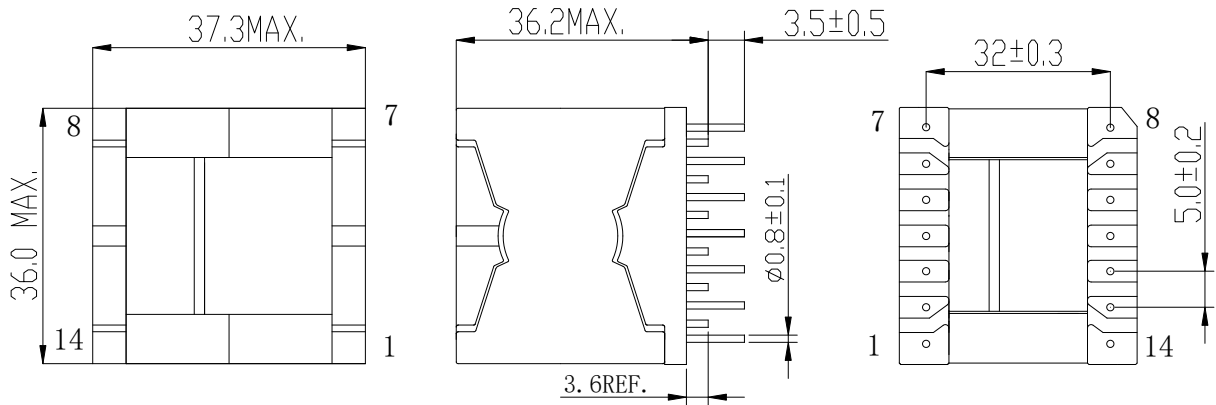
CUSTOMER: Nichidenbo		PRELIMINARY SPECIFICATION (Revisions)		Type PQH3535 (Temp.)
SYMBOL	DATE	REQUEST NO.	REVISIONS	CLIENT

Note :	Trial Drawing No. PS24-240 1/3
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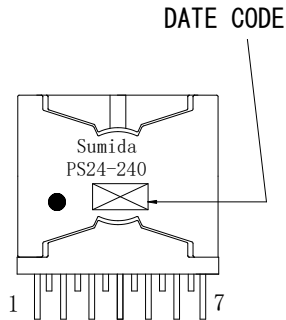
PRELIMINARY SPECIFICATION

TYPE PQH3535 (Temp.)

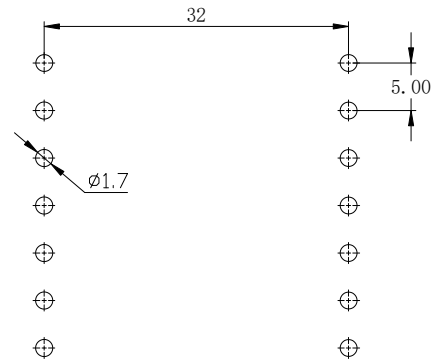
1. Dimensions (mm)



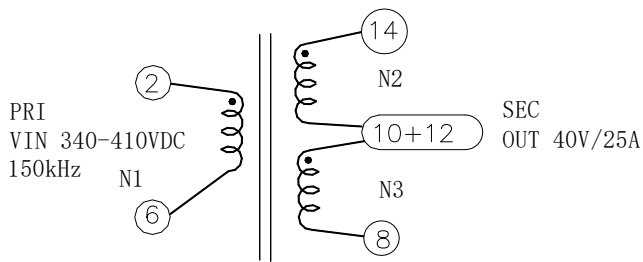
2. Stamp



3. Recommended PCB holes (mm)



4. Schematic



RoHS compliance Cd: Max. 0.01wt% others: Max. 0.1wt%
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- * PLEASE TIE 10+12 ON PCB WHEN USING.
- * Dots indicate the polarities.

Creation Date : 2024/10/15			SUMIDA Part Name		
Approved by	Checked by	R&D	Customer Part Name		
			First Issue		Trial Drawing No. PS24-240 2/3

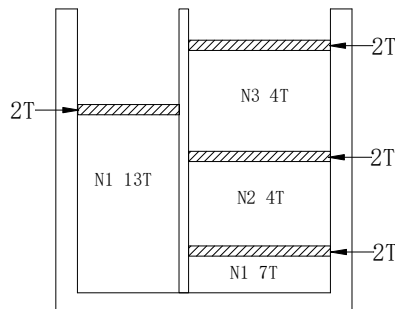
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5. Turns and wires:

No.	PIN	Turns	Wire	Insulation tape	Note
N1	2-6	20T	LIZT, 0.10mm×100strands	2T	
N2	14-12	4T	LIZT, 0.10mm×400strands	2T	
N3	10-8	4T	LIZT, 0.10mm×400strands	2T	

6. Cross section diagram



7. Electrical characteristics (At 25°C, unless otherwise specified)

Item	Specification	Measuring Conditions
Inductance (2-6)	60 μ H \pm 10%	100kHz, 0.1V
Leakage inductance (2-6)	12 μ H (Typ.)	100kHz, 0.1V (Tie 8+10+12+14)
DCR (2-6)	40m Ω Max.	
DCR (14-12)	3.0m Ω Max.	
DCR (10-8)	3.5m Ω Max.	
TURNS RATIO (2-6) : (14-12) (2-6) : (10-8)	5:1 \pm 3% 5:1 \pm 3%	
Hi-Pot (2, 6-8, 10, 12, 14)	AC 1500Vrms	10mA, 1Sec., 50/60Hz

8. Note

- * Operating temperature range -40°C ~ +125°C (Including coil's self temperature rise).
- * Storage temperature range: -40°C ~ +125°C.
- * The used wire was so thick than makes the pin bulky so please pay attention to the Mouting diameter into the PCB.
- * This specification might be changed due to under developing and improving.

Note :	Trial Drawing No. PS24-240 3/3
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