

Customer : 南京布雷博		Preliminary Specification (Change History)		Type E R H 3 5 3 0 B
Change Mark	Change Date	Request No.	Change content	Requested by

Note:					
Approved by	Checked by	R&D			Trial Drawing No. 1 0 3 7 5 - T 1 5 4 1 / 3
					

Preliminary Specification

Type

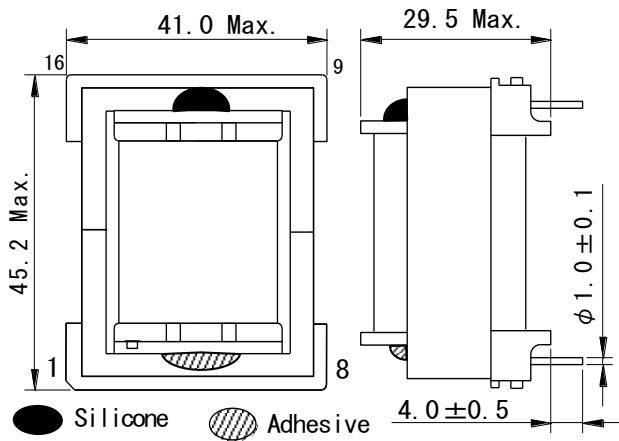
ERH3530B

1. Scope & Precautions

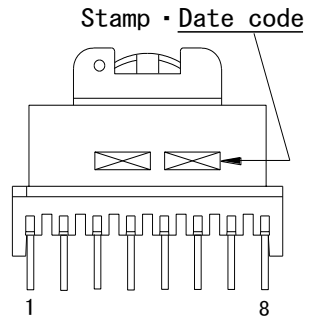
~~Refer to S-074-1511.~~

2. Appearance

2-1. Dimensions (mm)



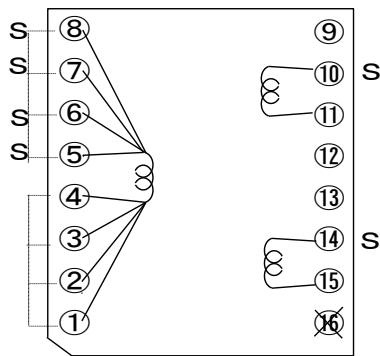
2-2. Stamp



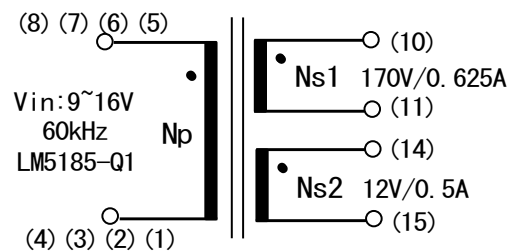
- * Pin pitch shall be measured at the root of terminal.
- * The dimension of terminals don't include the solder icicle.
- * "x" indicates no terminal.

3. Coil specification

3-1. Terminal connection (Bottom view)



3-2. Schematic



"●" indicates the same polarity.

- * "S" indicates the winding start.
- * Pin#(1+2+3+4) 、(5+6+8+9) should be connected together when using on PCB.
- * "x" indicates no terminal.

RoHS

compliance
Cd: Max. 0.01wt%
others: Max. 0.1wt%

Note :

Trial Drawing No.

10375-T154

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Preliminary Specification

Type

ERH3530B

3-3. Electrical characteristics (at 25°C)

Item	Specification	Measuring conditions
Inductance (8, 7, 6, 5) - (4, 3, 2, 1)	1.5 μ H $\pm$ 10% Within	100kHz, 1.0V
Leakage Inductance (8, 7, 6, 5) - (4, 3, 2, 1)	0.1 μ H Max	100kHz, 1.0V
Turns Ratio Np : Ns1 : Ns2	1 : 20 : 1.667	-----
Voltage withstanding Np - (Ns1, Ns2)	AC 1500Vrms 1Minute	50/60Hz, 1mA
Voltage withstanding (Coil - Core)	AC 500Vrms 1Minute	50/60Hz, 1mA

* As to withstand voltage, every part should be tested with 1.2 times of standard voltage for 2 seconds.

4. Note

- * Operating temperature range: -40°C ~ +150°C (Including coil's temperature rise.)
- * AEC-Q200 parts.
- * Vacant terminal should be also soldered.

Note :

Trial Drawing No.

10375-T154

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