

APPROVAL SHEETS

Customer

Customer No. A8860001

Description EMI /RFI FILTER

Product Name

Project No.

Our Part No.

Your Part No.

Safety Approvals



Date 21-Aug-19

Note: The validity of specification is 6 months from the date. High & Low Corp. reserves the right to revise contents that need to be modified.

Approved by customer

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SPECIFICATION

1. Revision history

Custromer P/N	35S5-2DH3-T			Rev.	1.0	Part NO.	35S5-2DH3-T
Part name	EMI FILTER	PRJ	35SCB70H			HAL model	35S5-2DH3-T

Rev.	Description	Validating Date	Page	Approved
1.0	INITAL RELEASE	21-Aug-19	1~6	James
Prepared by		Reviewed by		Approved by
Madanyang		<div>RD Dept.</div> <div>2019.08.21</div> <div>Toby Zhang</div>		<div>RD Dept.</div> <div>2019.08.21</div> <div>James Jiang</div>

2. Customer specification compliance checklist

Part name	EMI FILTER
Customer part number	35S5-2DH3-T
HAL model number	35S5-2DH3-T
PRJ	35SCB70H

Customer specification review

No.	Description
	Function and arer of application EMI FILTER
1	General requirements 3 Phase
2	Voltage rating: 600/347 VAC ±10%
3	Operating frequency: 50/60Hz
4	Current rating: 35A @50℃
5	AC leakage current: 3.4mA @480VAC 50/60Hz
6	Power loss: 6.8 W @25℃ 50Hz
7	Overload capability: 4x rated current at switch on, 1.5x rated current for 1 minute, once per hour.
8	Safety Requirements: Hi-pot L-L: 2250 VDC 2 Second Hi-pot L-N: N/A VDC 2 Second Hi-pot L-PE: 2750 VDC 2 Second Hi-pot N-PE: N/A VDC 2 Second IR: 100MΩ Min @500VDC any input or output to ground DCR: 100mΩ Max @input to output GB: 100mΩ Max @25A Ambient Temperature: @50℃ Operating Temperature: -25℃~100℃ Climatic Category: 25/100/21
9	Design corresponding to: UL1283,IEC/EN60939
10	Safety Approvals UL/CUL File No: E179761 VDE File No: N/A CQC File No: N/A ENEC File No: ENEC-01666 CE: See attachment
11	Electrical schematic: See Fig-1
12	Derating curve of current: See Fig-2
13	Typical filter attenuation: See Fig-3
14	Declare: Comply with RoHS 2011/65/EU.2015/863/EU and REACH 2006/1907/EC

Fig-1 Electrical schematic

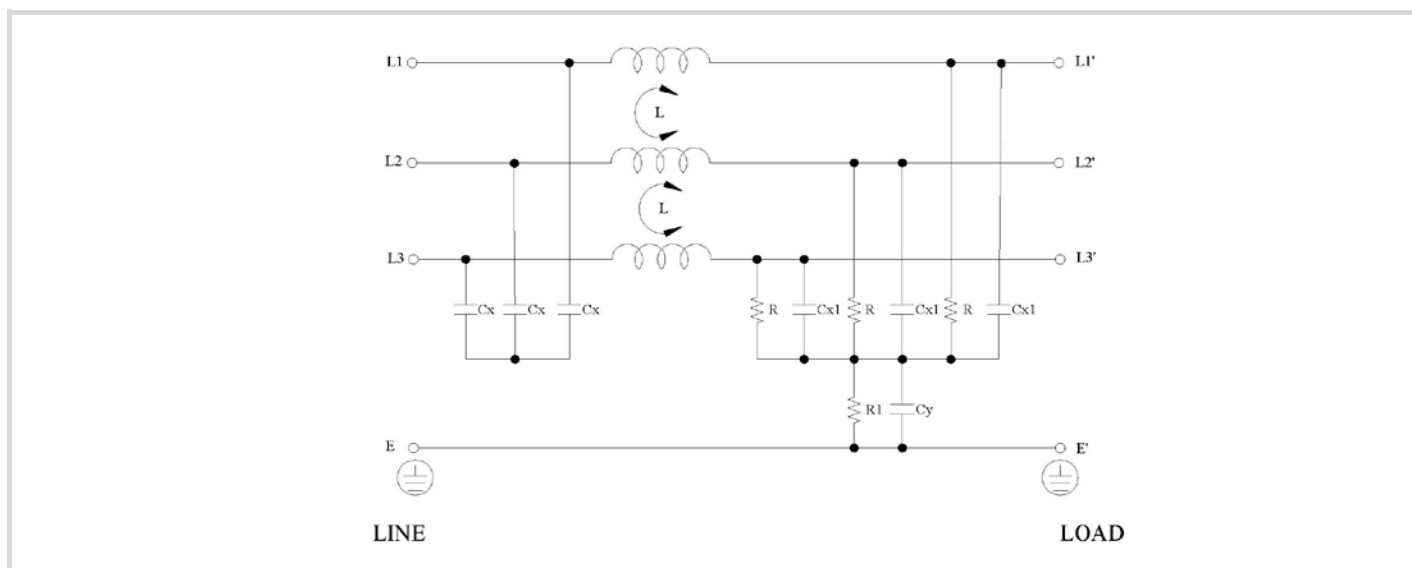


Fig-2 Derating curve of current

When ambient temperature is over 55°C, maximum applied current depends upon the following curve

IM: Maximum current
IR: Rated current 35A@50°C

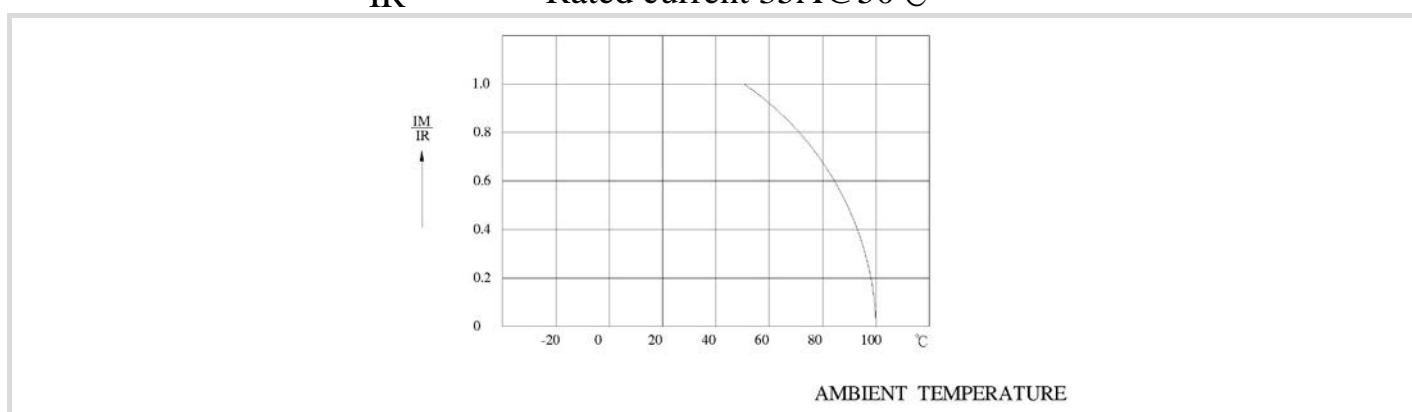
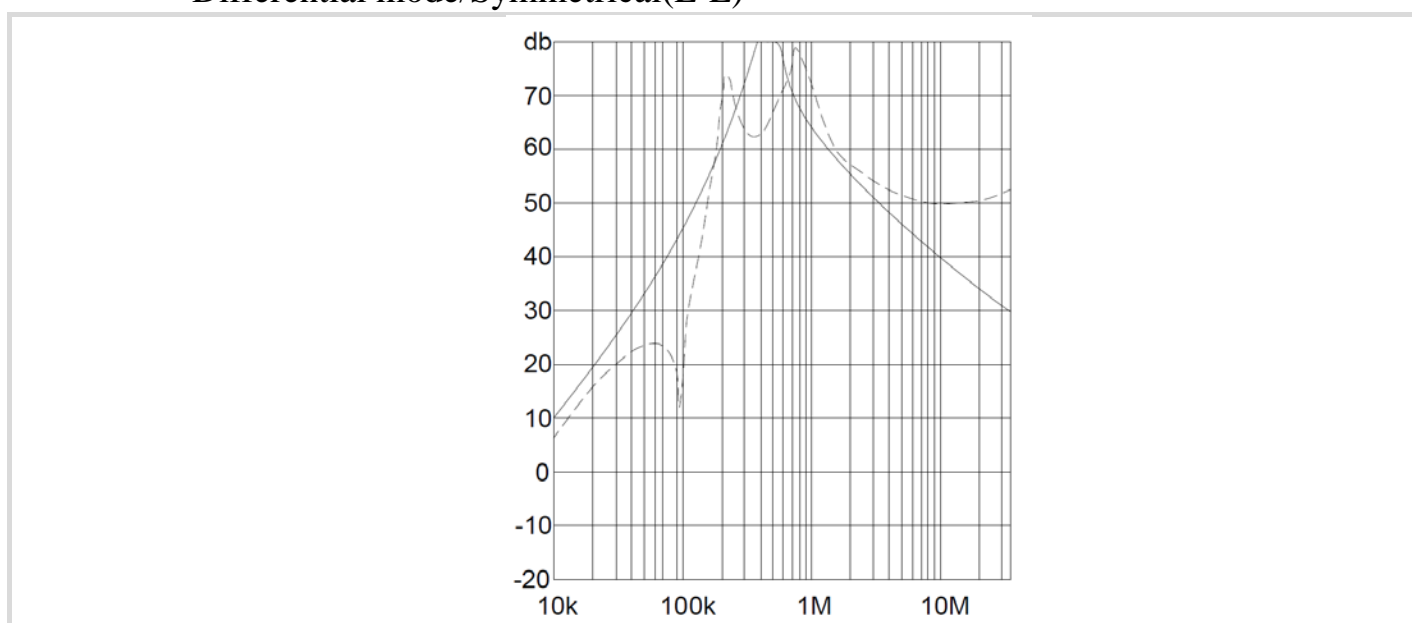


Fig-3 Typical filter attenuation

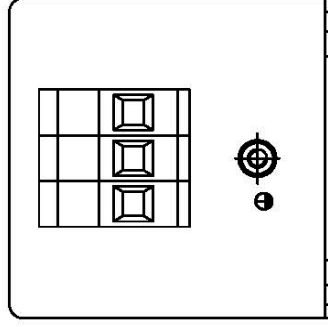
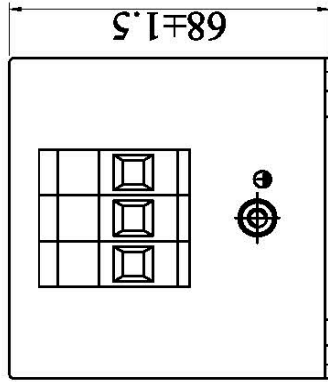
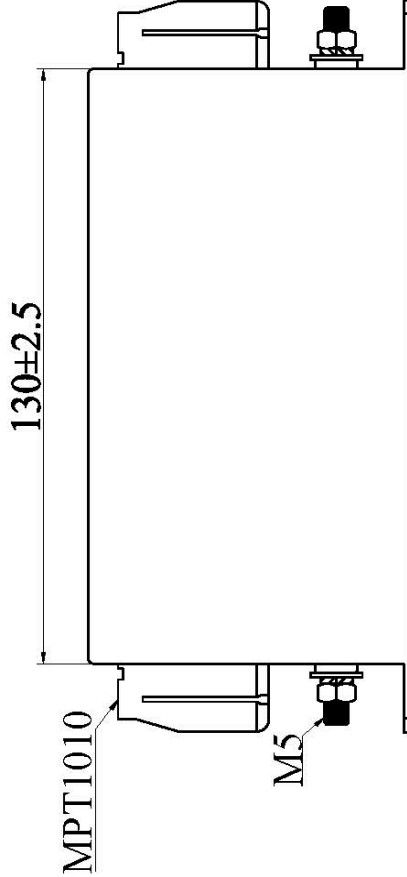
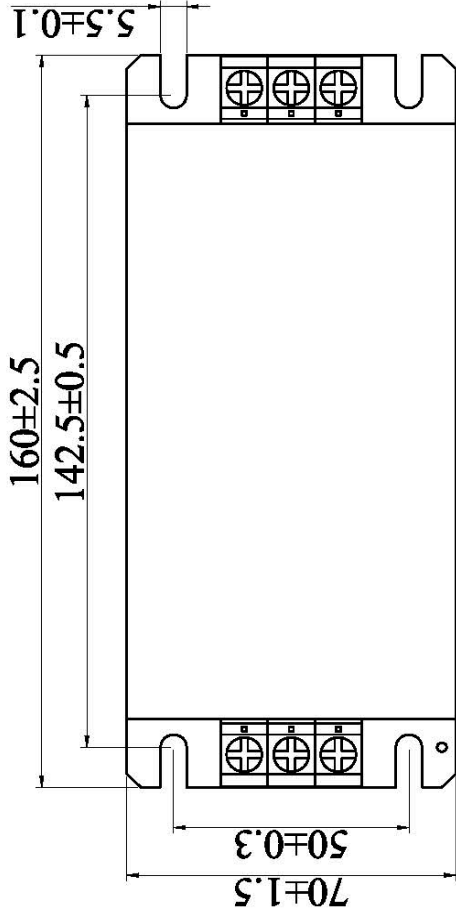
Insertion loss (dB) in 50Ω system cispr 17

———— Common mode/Asymmetrical(L-G)
----- Differential mode/Symmetrical(L-L)



SPECIFICATION

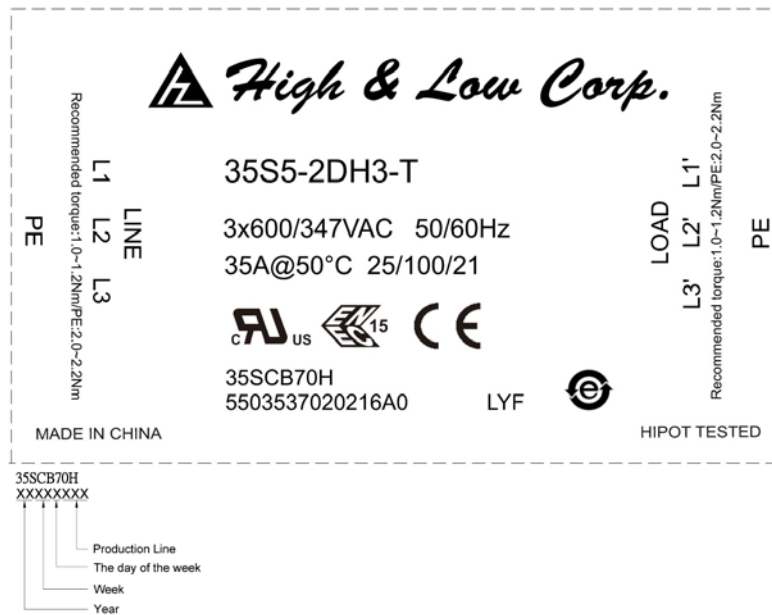
3.Mechanical dimensions:



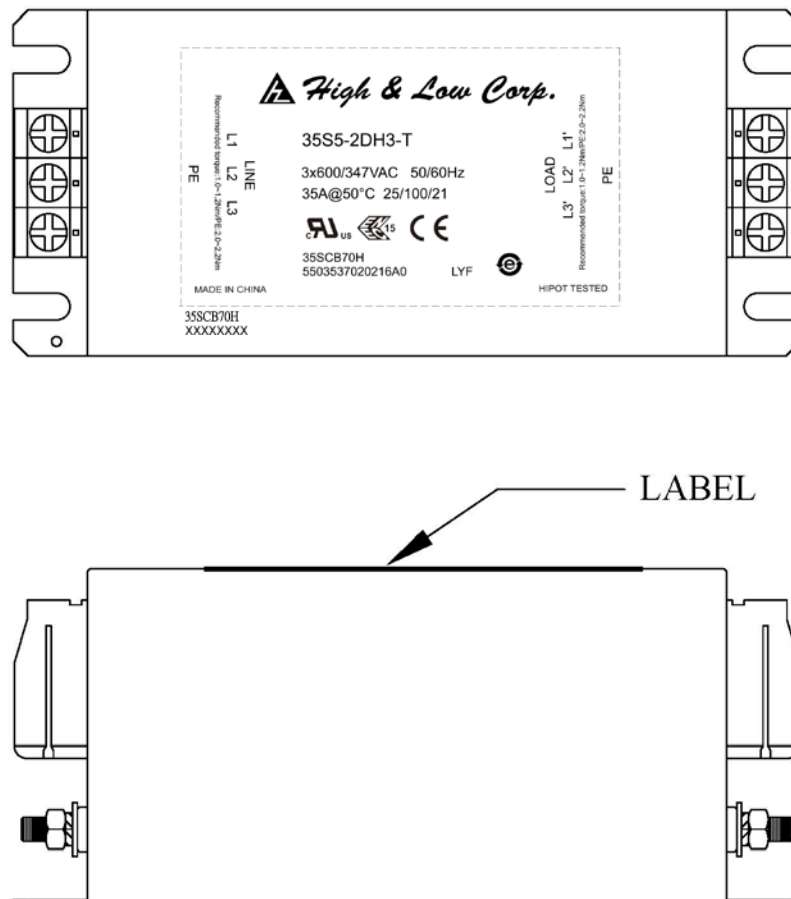
Unit:mm
For Dimensions Without Tolerance
According:ISO 2768-m

Instruction For Label

Content of the label :



Label position :



DECLARATION OF CONFORMITY

Brand name or trade mark: High & Low Corporation

Type of equipment: ELECTROMANAGNETIC INTERFERENCE
(EMI) FILTERS

Type designation: **35S5-2DH3-T**

Manufacturer: High & Low Technology Co., Ltd.

Address: No. 38 Zhenxing Road, Liyuhe Ind., Loucun Village,
Gongming Town, Guangming Dist., Shenzhen Guangdong,
China.

The designated product is in conformity with the European Directives:

2014/35/EU

Including amendments

"Council directive of 18 April 2014 on the harmonization of the laws
of the Member States relating to electrical equipment designed for use
within certain voltage limits."

2014/30/EU

Including amendments

"Council directive of 18 April 2014 on the approximation of the laws
of the Member States relating to electromagnetic compatibility ."

Manufacturer representative within the EEA (for Manufacturer outside EEA)

The following harmonized European standards or technical specifications which
comply with good engineering practice in safety matters in force within the EEA have
been applied :

Standard(s)

Test Report(s)/Technical Data

Issued by:

IEC60939:2005

According testing standard

Mr Jiang, R&D Manager

EN60939:2005

According testing standard

Additional information



As the manufacturer's authorized representative established within EEA, we declare
under our sole responsibility that the equipment follow the provisions of the
Directives stated above.

Date : 20. April. 2016

R&D Manager

James

Name: High & Low Corporation

Position: 7F., No 118, Ln.235, Baoqiao Rd., Xindian Dist., New Taipei City 231, Taiwan, R.O.C