

CONTENT

Description	Page
1. Revision history	3
2. Compliance Checklist for Customer Specification.....	4
Customer specification Review	4
Fig-1 Electrical schematic	5
Fig-2 Derating curve of current	5
Fig-3 Typical filter attenuation	5
3. Mechanical dimension	6

SPECIFICATION

1. Revision history

Custromer P/N	06SS6-B2ASR-QPB(S)			Rev.	1.0	Part NO.	06SS6-B2ASR-QPB(S)
Part name	EMI FILTER	PRJ	S066B2ASRQPBS01		HAL model		06SS6-B2ASR-QPB(S)

Rev.	Description	Validating Date	Page	Approved
1.0	INITAL RELEASE	5-Aug-19	1~6	James
Prepared by		Reviewed by		Approved by
Madanyang		RD Dept. 2019.08.05 Toby Zhang		RD Dept. 2019.08.05 James Jiang

2. Customer specification compliance checklist

Part name	EMI FILTER
Customer part number	06SS6-B2ASR-QPB(S)
HAL model number	06SS6-B2ASR-QPB(S)
PRJ	S066B2ASRQPBS01

Customer specification review

No.	Description
	Function and arer of application EMI FILTER
1	General requirements Single
2	Voltage rating: 115~250 VAC ±10%
3	Operating frequency: 50/60Hz
4	Current rating: 6A @50℃
5	AC leakage current: 0.25mA @115VAC 50/60Hz 0.45mA @250VAC 50/60Hz
6	Safety Requirements:
	Hi-pot L-L: N/A VDC N/A Second
	Hi-pot L-N: 1450 VDC 2 Second
	Hi-pot L-G: 2250 VDC 2 Second
	Hi-pot N-G: 2250 VDC 2 Second
	IR: 100MΩ Min @500VDC any input or output to ground
	DCR: 2Ω Max @input to output
	GB: 100mΩ Max @25A
	Ambient Temperature: @50℃
	Operating Temperature: -25℃~110℃
	Climatic Category: 25/110/21
7	Design corresponding to: UL1283,IEC/EN60939
8	Safety Approvals
	UL/CUL File No: E179761
	VDE File No: 40008346(SS6)
	CQC File No: CQC09001039712(SS6)
	CE: N/A
9	Electrical schematic: See Fig-1
10	Derating curve of current: See Fig-2
11	Derating curve of current: See Fig-2
12	Typical filter attenuation: See Fig-3
13	Declare: Comply with RoHS 2011/65/EU.2015/863/EU and REACH 2006/1907/EC Comply with IEC60320

Fig-1 Electrical schematic

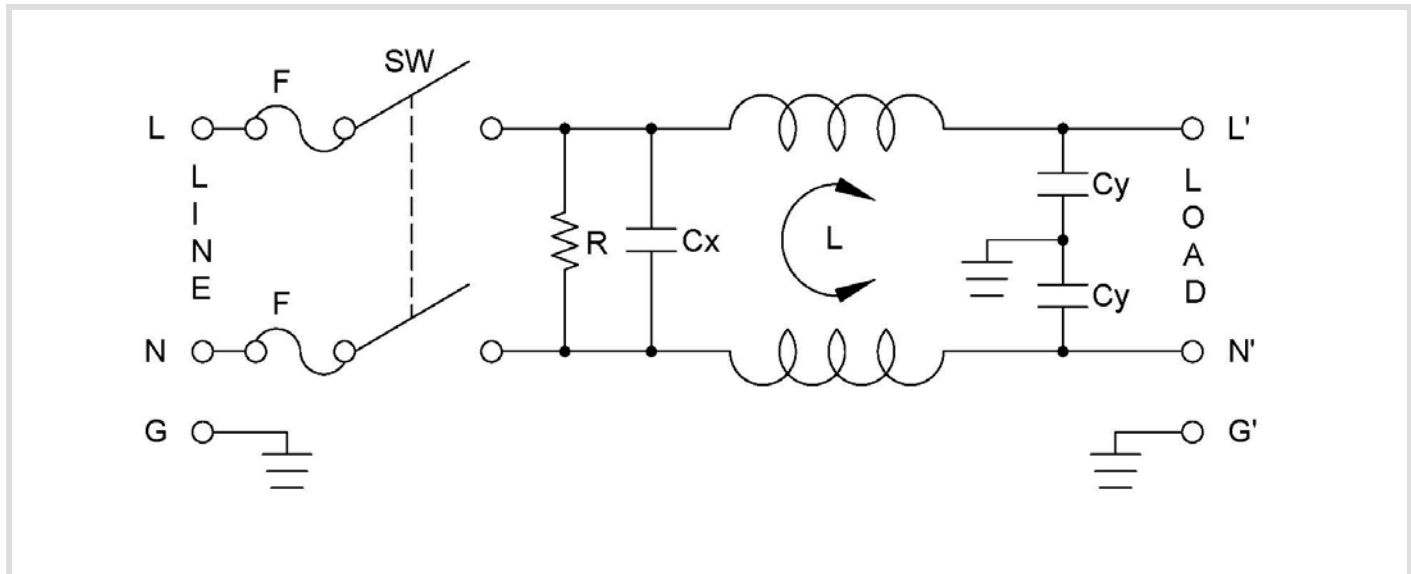


Fig-2 Derating curve of current

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

IM: Maximum current
IR Rated current 6A@50°C

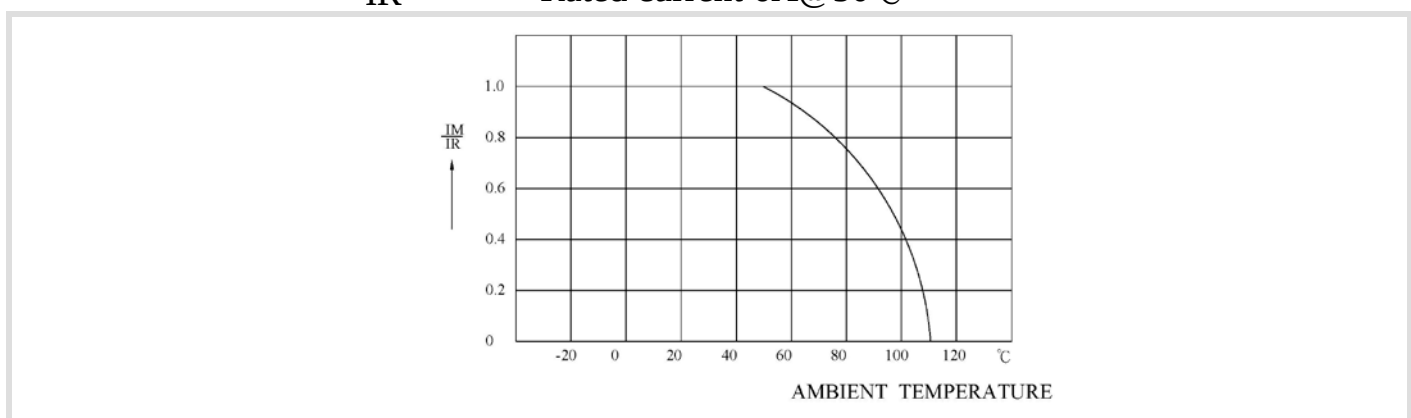
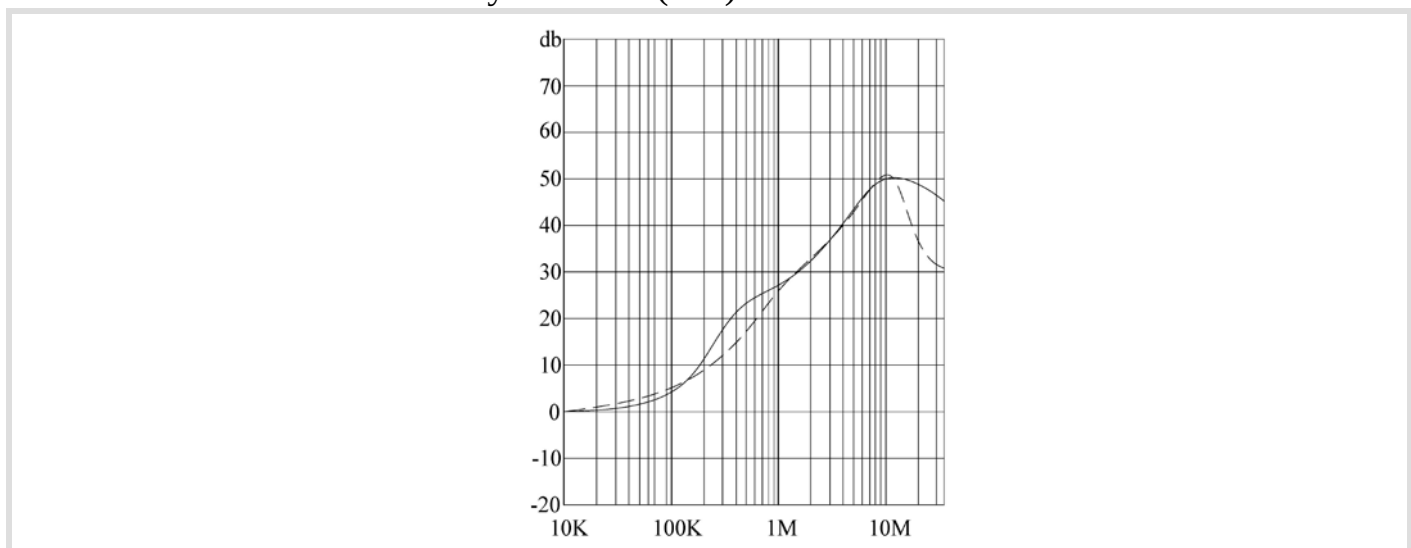


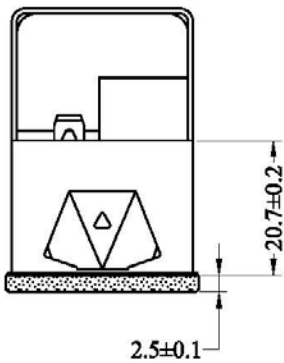
Fig-3 Typical filter attenuation

Insertion loss (dB) in 50Ω system cispr 17

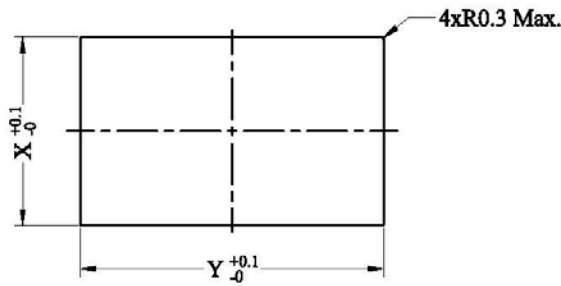
———— Common mode/Asymmetrical(L-G)
----- Differential mode/Symmetrical(L-L)



3.Mechanical dimensions:

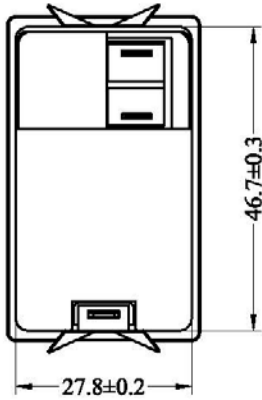
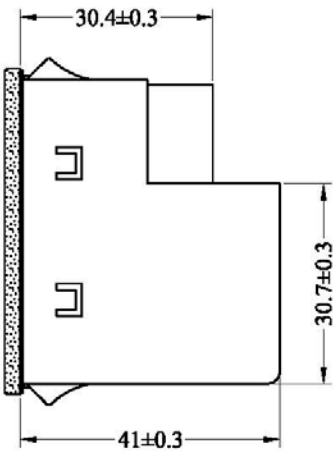
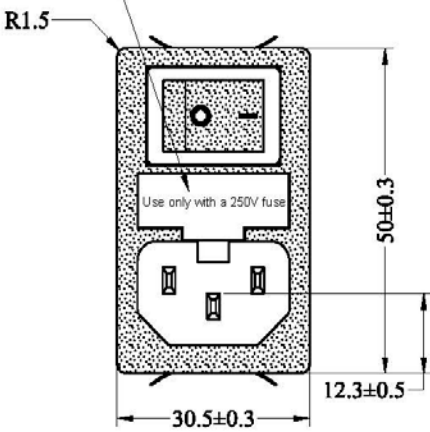


SUGGESTED PANEL CUTOUT
(MOUNTING FROM FRONT)



Panel Thickness	X(Suggested)	Y(Suggested)
$0.8\text{mm} < t \leq 1.0\text{mm}$	28.6	47.5
$1.0\text{mm} < t \leq 1.4\text{mm}$	28.7	47.6
$1.4\text{mm} < t \leq 1.6\text{mm}$	28.8	47.8

6.3A 250V Fuse(Quick-Acting)(5*20mm)



Instruction For Label

Content of the label :



Label position :

