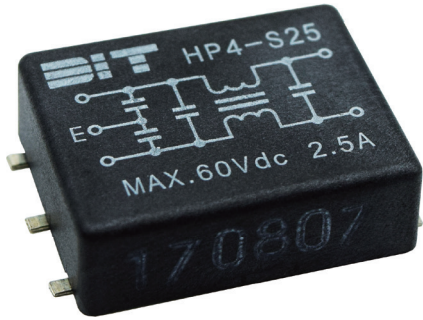


EMI/EMC FILTER

HP4 SERIES



Features

- 2-Phase, 2-Line Type
- SMD Component for PCB/PCBA
- Excellent filtering characteristics for both differential mode and common mode
- Silicone molded for reliability

Applications

- Telecommunication equipments like computers or peripherals, Measuring instruments, OA equipments, FA equipments etc

Specifications

MODEL	Rated Voltage Max. DC	Rated Current Max.	Operating Temperature
HP4-S25	60V	2.5A	-10°C to +70°C (HP4-S25, HP4-S25X) -40°C to +80°C (HP4-S25A, HP4-S100) Including temperature rise
HP4-S25A	100V		
HP4-S100		10A	

Derating Curve

Ambient Temperature [°C]	Current Ratio (%) - 2.5A	Current Ratio (%) - 10A
0	100	100
10	100	100
20	100	100
25	100	100
30	100	100
40	90	90
50	75	75
60	50	50
70	25	25
80	0	0

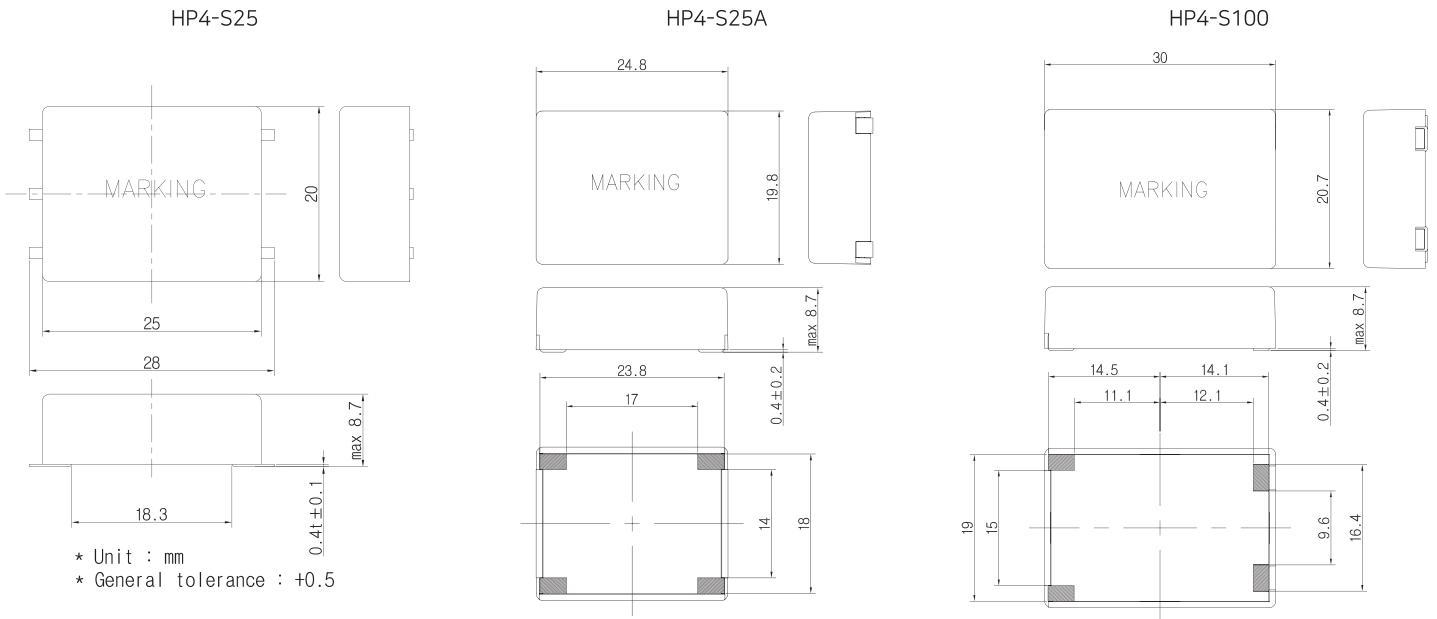
Note

Test Voltage : 200V DC one minute, line to earth
100V DC one minute, line to line
Insulation Resistance : 10 Mohm min. at 100V DC
Voltage Drop : 0.2V max. at rated current

Model Number Construction

HP4	S	25	A
Series Description	Input/Output Terminal P : PCB Pin S : SMD Terminal	Rated Current 25 : 2.5 A 100 : 10 A	Suffix

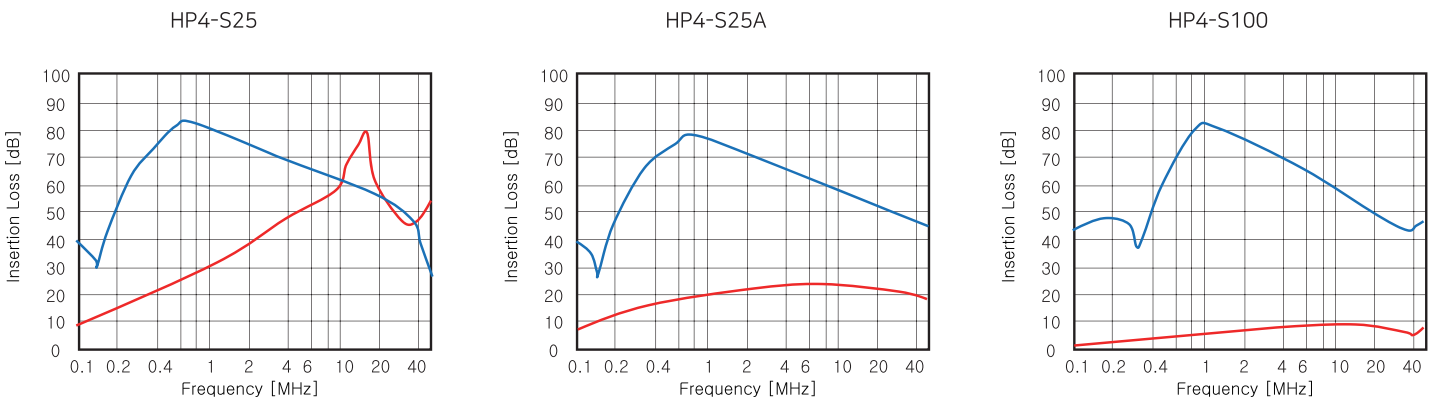
Shapes and Dimensions



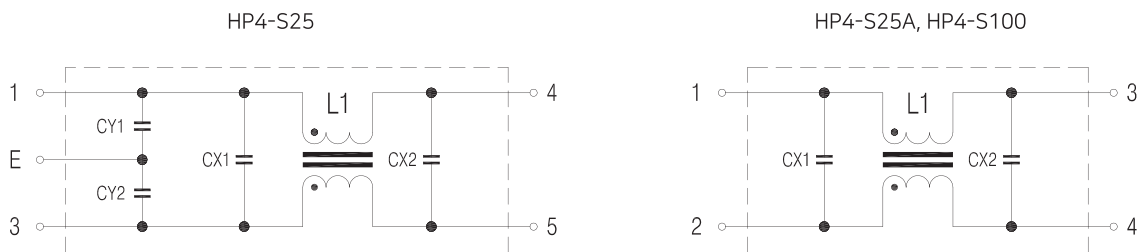
Attenuation Characteristics

Common mode (—)

Differential mode (—)



Circuit Diagram



Measurement Configuration

