1. AM60V120V SPECIFICATION

1) ELECTRICAL SPECIFICATIONS

1-1) INPUT

- Input range ..... DC 3.0V ~ DC 5.5V
- Efficiency ..... 35% typ.

1-2) OUTPUT

- Vout1 : DC -600V (Variable -800V to -400V : P1)
- Vout2 : DC 1200V (Variable 1000V to 1500V : P2)
- Line regulation ..... ±10%
- Load regulation ..... ±10%
- Ripple and Noise, pk-pk Bandwidth : 20MHz Magnitude : ±1% Vout nom

1-3) PROTECTION CIRCUIT

- Short circuit protection

1-4) ELECTRICALLY ISOLATED

- Isolation .....

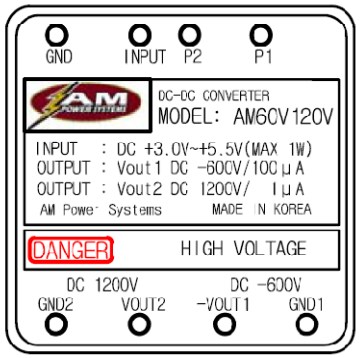
  Input-output, output-case / DC 500V, 100Mohms

2) DIMENSIONS

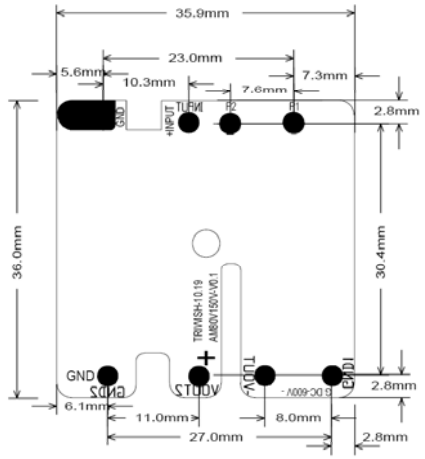
- Case size : 38mm X 38mm X 13.5mm
- PIN size : 2.5mmx 0.68ϕ

3) ENVIRONMENTAL

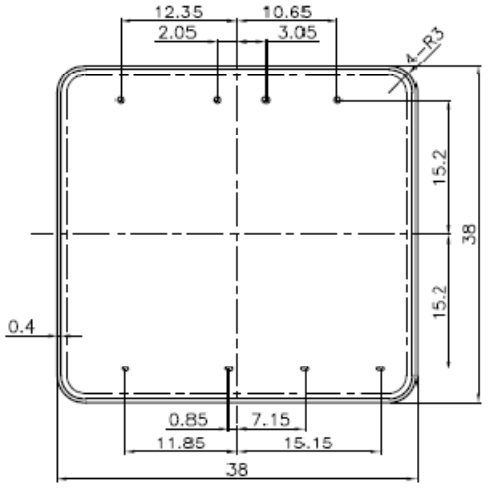
- Operating temperature range ..... 0℃~50℃
- Storage temperature range ..... -30℃~80℃
- Operating humidity (non condensing) .. 20%~90%RH
- Storage humidity (non condensing) ..... 10%~95%RH
- Cooling method ..... Convection

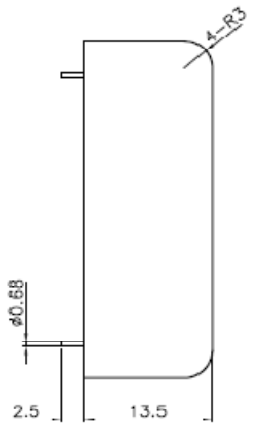


LABEL DRAWING



PCB DRAWING





CASE DRAWING

1. AM60V120 SPECIFICATION

1) ELECTRICAL SPECIFICATIONS

1-1) INPUT

- Input range ..... DC 3.0V ~ DC 5.5V
- Efficiency ..... 35% typ.

1-2) OUTPUT

- Vout1 : DC -600V (Variable -800V to -400V : P1)
- Vout2 : DC 1200V (FIXED)
- Line regulation ..... ±10%
- Load regulation ..... ±10%
- Ripple and Noise, pk-pk

  Bandwidth : 20MHz Magnitude : ±1% Vout nom

1-3) PROTECTION CIRCUIT

- Short circuit protection

1-4) ELECTRICALLY ISOLATED

- Isolation .....

  Input-output, output-case / DC 500V, 100Mohms

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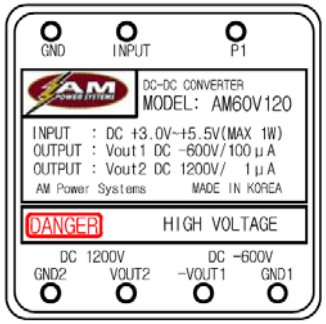
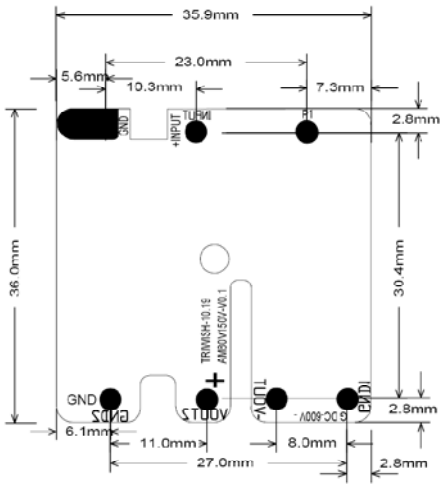
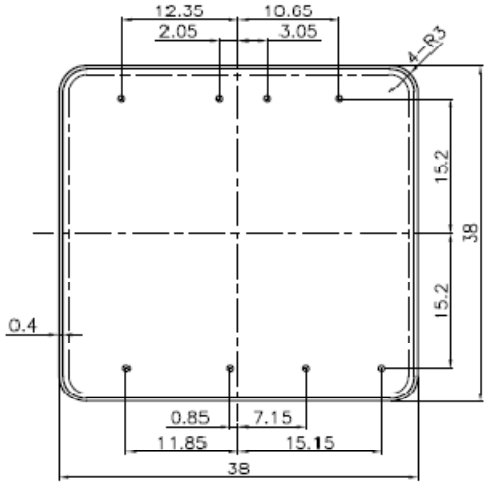
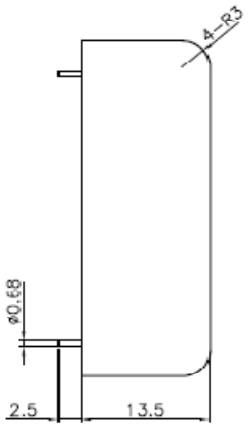


LABEL DRAWING



PCB DRAWING





CASE DRAWING