



1. AM0503-CM SPECIFICATION

1) ELECTRICAL SPECIFICATIONS

1-1) INPUT

- Input range DC 3.0V ~ DC 5.5V
- Efficiency 50% typ.

1-2) OUTPUT

- Vout1 : DC 500V / 250uA
- 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

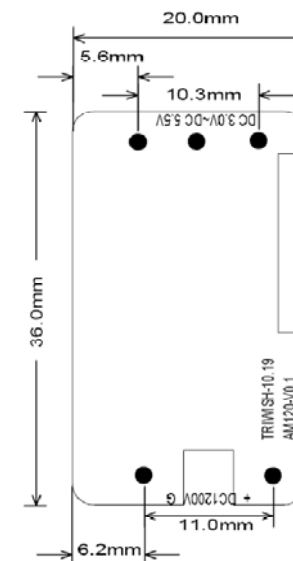
- Case size : 38mm X 22mm X 13.5mm
- PIN size : 2.5mmx 0.68φ

3) ENVIRONMENTAL

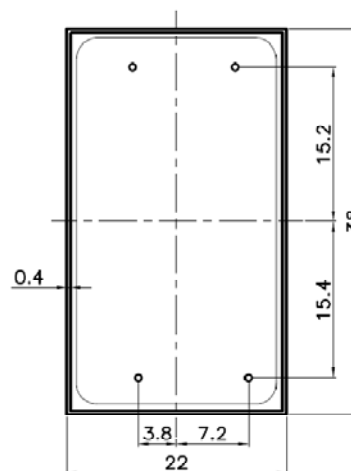
- Operating temperature range 0°C~50°C
- Storage temperature range -30°C~80°C
- Operating humidity (non condensing) .. 20%~90%RH
- Storage humidity (non condensing) 10%~95%RH
- Cooling method Convection



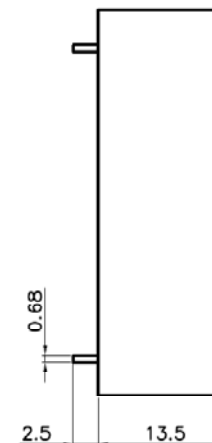
LABEL DRAWING



PCB DRAWING



CASE DRAWING





1. AM0603-CM SPECIFICATION

1) ELECTRICAL SPECIFICATIONS

1-1) INPUT

- Input range DC 3.0V ~ DC 5.5V
- Efficiency 50% typ.

1-2) OUTPUT

- Vout1 : DC 600V / 200uA
- Line regulation $\pm 10\%$
- Load regulation $\pm 10\%$
- Ripple and Noise, pk-pk Bandwidth : 20MHz Magnitude : $\pm 1\%$ Vout nom

1-3) PROTECTION CIRCUIT

- Short circuit protection

1-4) ELECTRICALLY ISOLATED

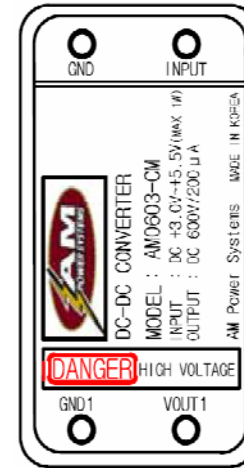
- Isolation
- Input-output, output-case / DC 500V, 100Mohms

2) DIMENSIONS

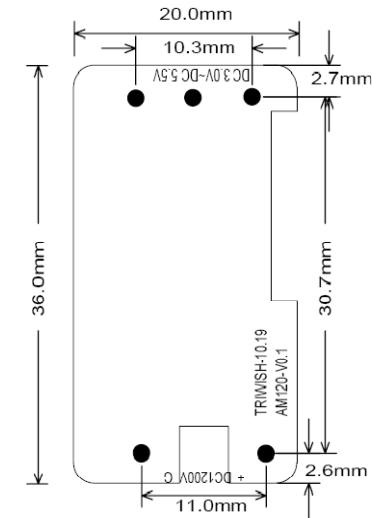
- Case size : 38mm X 22mm X 13.5mm
- PIN size : 2.5mmx 0.68φ

3) ENVIRONMENTAL

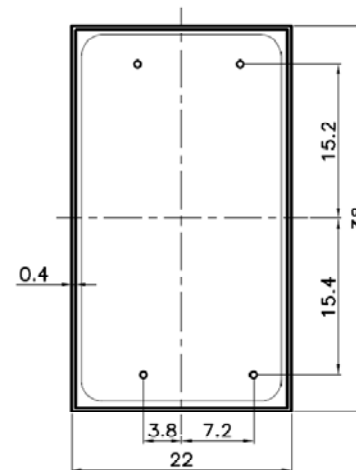
- Operating temperature range $0^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- Storage temperature range $-30^{\circ}\text{C} \sim 80^{\circ}\text{C}$
- Operating humidity (non condensing) .. 20%~90%RH
- Storage humidity (non condensing) 10%~95%RH
- Cooling method Convection



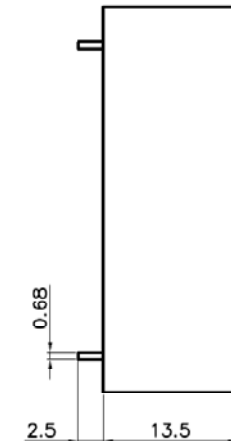
LABEL DRAWING



PCB DRAWING



CASE DRAWING



1. AM0803-CM SPECIFICATION

1) ELECTRICAL SPECIFICATIONS

1-1) INPUT

- Input range DC 3.0V ~ DC 5.5V
- Efficiency 50% typ.

1-2) OUTPUT

- Vout1 : DC 800V / 150uA
- 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

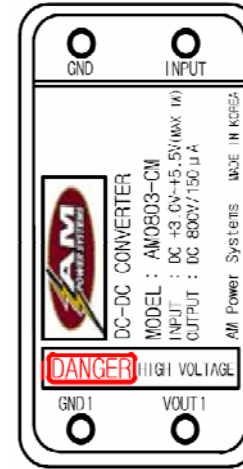
- Isolation
- Input-output, output-case / DC 500V, 100Mohms

2) DIMENSIONS

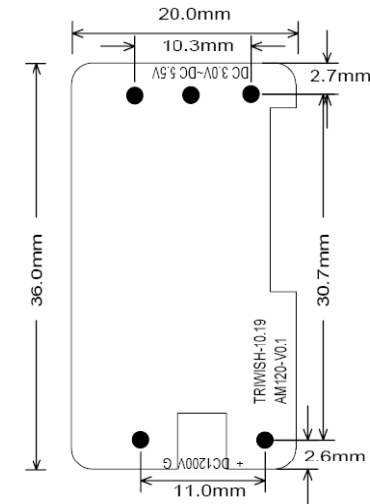
- Case size : 38mm X 22mm X 13.5mm
- PIN size : 2.5mmx 0.68φ

3) ENVIRONMENTAL

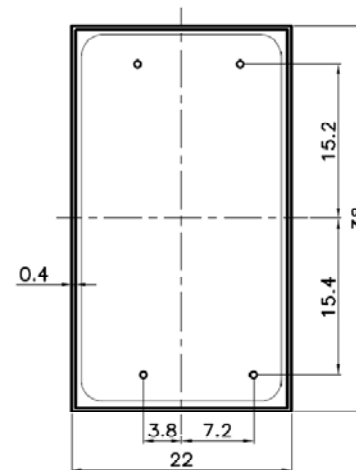
- Operating temperature range 0°C~50°C
- Storage temperature range -30°C~80°C
- Operating humidity (non condensing) .. 20%~90%RH
- Storage humidity (non condensing) 10%~95%RH
- Cooling method Convection



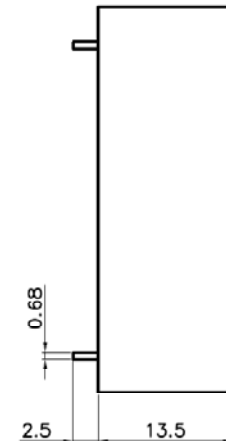
LABEL DRAWING



PCB DRAWING



CASE DRAWING



1. AM1003-CM SPECIFICATION

1) ELECTRICAL SPECIFICATIONS

1-1) INPUT

- Input range DC 3.0V ~ DC 5.5V
- Efficiency 50% typ.

1-2) OUTPUT

- Vout1 : DC 1000V / 120uA
- 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

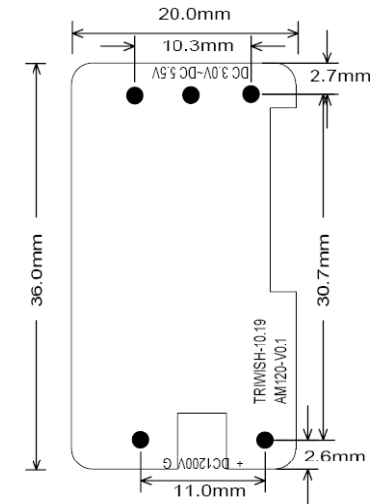
- Case size : 38mm X 22mm X 13.5mm
- PIN size : 2.5mmx 0.68φ

3) ENVIRONMENTAL

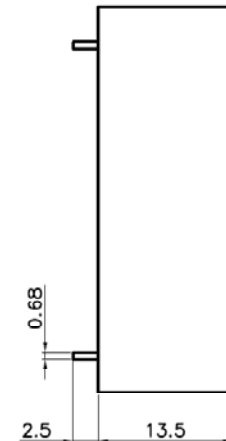
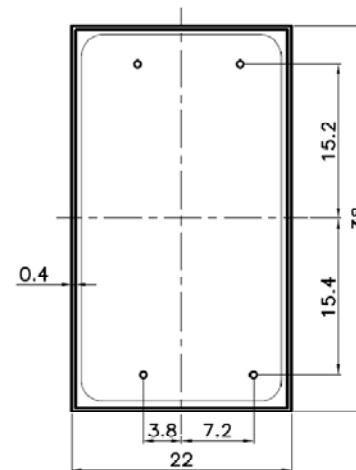
- Operating temperature range 0°C~50°C
- Storage temperature range -30°C~80°C
- Operating humidity (non condensing) .. 20%~90%RH
- Storage humidity (non condensing) 10%~95%RH
- Cooling method Convection



LABEL DRAWING



PCB DRAWING



CASE DRAWING

1. AM1203-CM SPECIFICATION

1) ELECTRICAL SPECIFICATIONS

1-1) INPUT

- Input range DC 3.0V ~ DC 5.5V
- Efficiency 50% typ.

1-2) OUTPUT

- Vout1 : DC 1200V / 100uA
- Line regulation $\pm 10\%$
- Load regulation $\pm 10\%$
- Ripple and Noise, pk-pk Bandwidth : 20MHz Magnitude : $\pm 1\%$ Vout nom

1-3) PROTECTION CIRCUIT

- Short circuit protection

1-4) ELECTRICALLY ISOLATED

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

2) DIMENSIONS

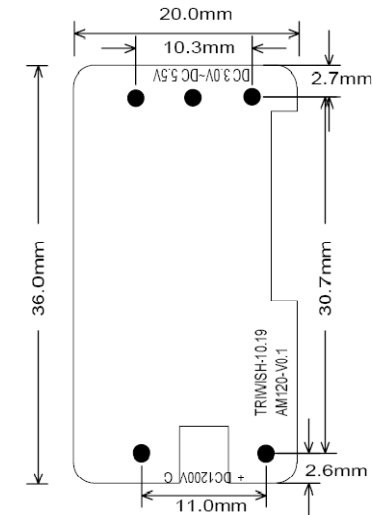
- Case size : 38mm X 22mm X 13.5mm
- PIN size : 2.5mmx 0.68φ

3) ENVIRONMENTAL

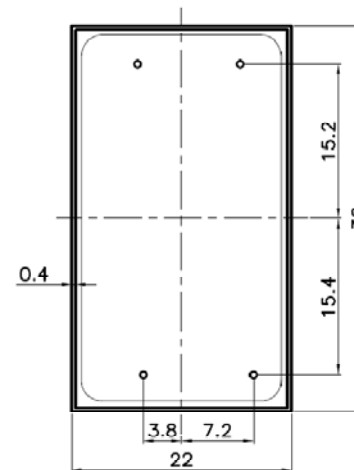
- Operating temperature range $0^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- Storage temperature range $-30^{\circ}\text{C} \sim 80^{\circ}\text{C}$
- Operating humidity (non condensing) .. 20%~90%RH
- Storage humidity (non condensing) 10%~95%RH
- Cooling method Convection



LABEL DRAWING



PCB DRAWING



CASE DRAWING

