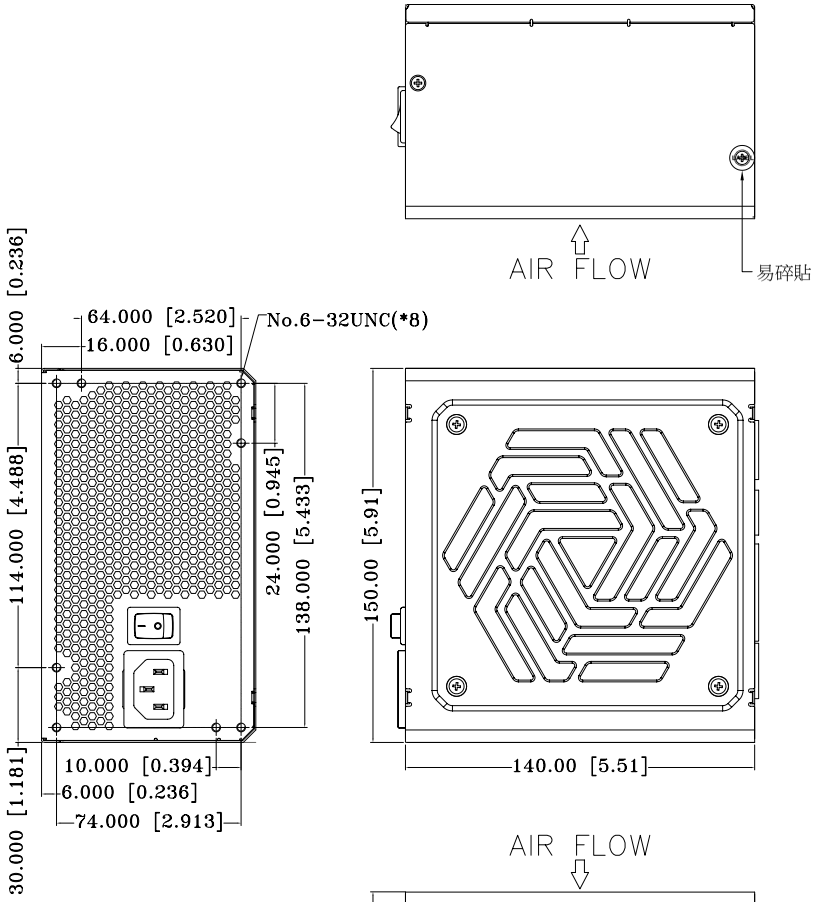
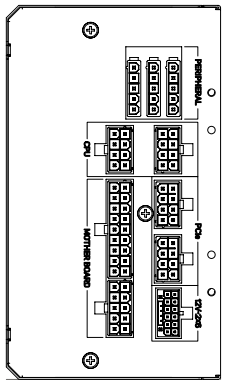
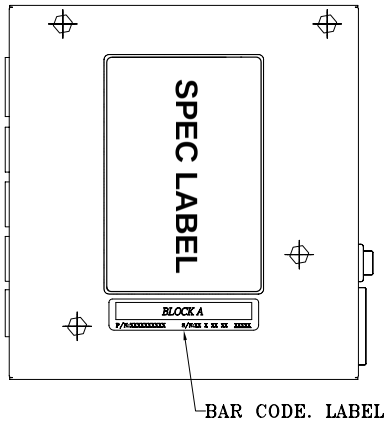


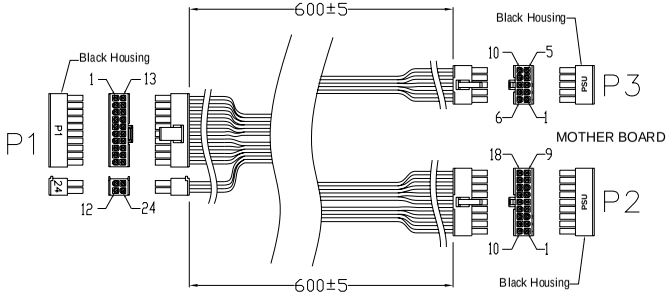



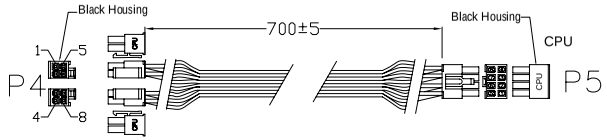

NOTES:
1. ALL THE LENGTH OF OUTPUT WIRES EXCLUDE HOUSING.
2. Label of origin is marked if indicated by sales.
3. DIMENSIONAL TOLERANCES: .XX=±0.5 [0.02]、.XXX=±0.25 [0.01].
4. Cable used UL2468 black cable(P1~P13、A~O).
   Cable used SOFT軟線80P UL1569 black cable(16AWG:P14~P15).
   Cable used UL2651 black cable(24AWG:P14~P15).
   (Color of CONNECTOR: Black)

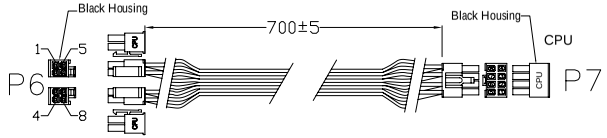
P/N.:9PA850AB00

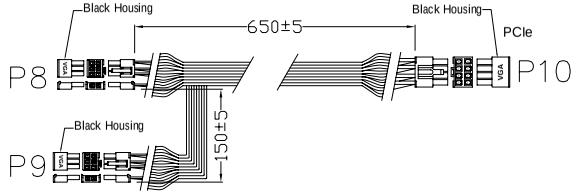
| MODEL NO. :FSP850-57ALC,(STD0001) | | TITLE:ASSY | SHEET: 1 OF 2 | REV:01 |
|---|---|---|---|---|
| R&D 8 | PE | DRAWN | DATE | |
| | | | JUNE.26.2025 | |
| | | | | |

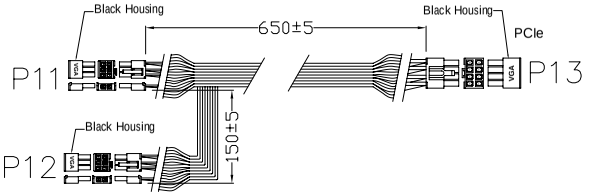
UNIT:mm [inch]

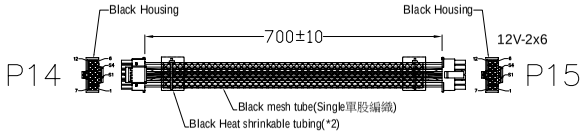


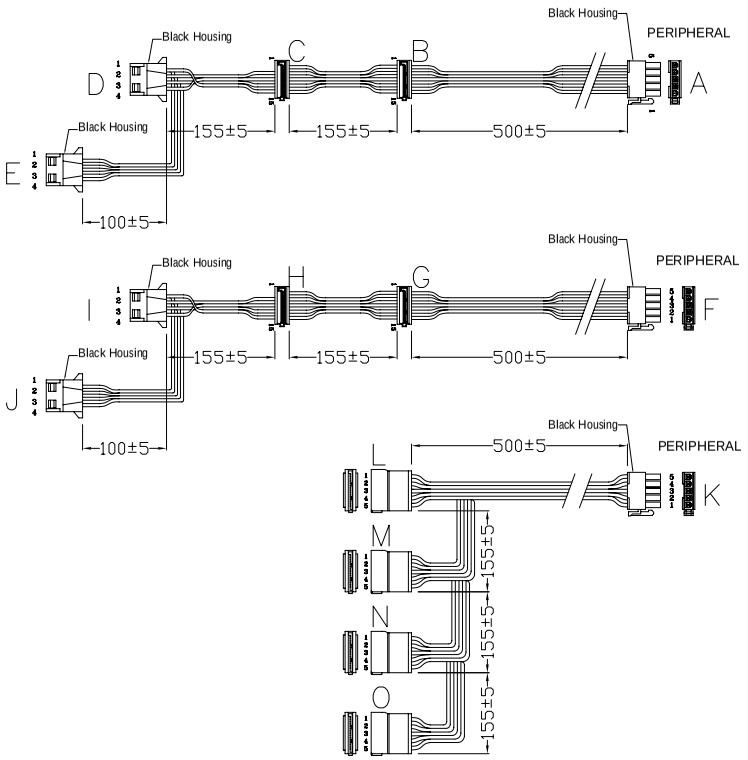

| P1<br>P20-I42002K11D-B<br>+<br>P4-I42002K11D-B<br>or EQU. | RATING | WIRE COLOR | WIRE AWG | P2<br>P18-I42002-B3<br>or EQU. | P3<br>P10-I42002-B3<br>or EQU. |
|---|---|---|---|---|---|
| Pin 1 | +3.3V | BLACK | 18 AWG | | Pin 1 |
| Pin 2 | +3.3V | BLACK | 18 AWG | | Pin 2 |
| Pin 3 | COM | BLACK | 18 AWG | Pin 8 | |
| Pin 4 | +5V | BLACK | 18 AWG | Pin 5 | |
| Pin 5 | COM | BLACK | 18 AWG | | Pin 5 |
| Pin 6 | +5V | BLACK | 18 AWG | Pin 6 | |
| | +5VSense | BLACK | 22 AWG | Pin 3 | |
| Pin 7 | COM | BLACK | 18 AWG | | Pin 10 |
| | COMSense | BLACK | 22 AWG | | Pin 4 |
| Pin 8 | PW_OK | BLACK | 22 AWG | Pin 10 | |
| Pin 9 | +5Vsb | BLACK | 18 AWG | Pin 11 | |
| Pin 10 | +12V | BLACK | 18 AWG | | Pin 7 |
| | +12VSense | BLACK | 22 AWG | Pin 4 | |
| Pin 11 | +12V | BLACK | 18 AWG | | Pin 8 |
| Pin 12 | +3.3V | BLACK | 18 AWG | | Pin 3 |
| Pin 13 | +3.3V | BLACK | 18 AWG | | Pin 6 |
| | +3.3VSense | BLACK | 22 AWG | Pin 2 | |
| Pin 14 | -12V | BLACK | 18 AWG | | Pin 9 |
| Pin 15 | COM | BLACK | 18 AWG | Pin 9 | |
| Pin 16 | PS_ON# | BLACK | 22 AWG | Pin 1 | |
| Pin 17 | COM | BLACK | 18 AWG | Pin 12 | |
| Pin 18 | COM | BLACK | 18 AWG | Pin 16 | |
| | COMSense | BLACK | 22 AWG | Pin 13 | |
| Pin 19 | COM | BLACK | 18 AWG | Pin 17 | |
| Pin 20 | | | | | |
| Pin 21 | +5V | BLACK | 18 AWG | Pin 7 | |
| Pin 22 | +5V | BLACK | 18 AWG | Pin 14 | |
| Pin 23 | +5V | BLACK | 18 AWG | Pin 15 | |
| Pin 24 | COM | BLACK | 18 AWG | Pin 18 | |

| P4&P6<br>P4-I42002K3B-B4<br>+<br>P4-I42002K4B-B4<br>OR EQU. | RATING | WIRE COLOR | WIRE AWG | P5&P7<br>P8-I42002-B4<br>OR EQU. |
|---|---|---|---|---|
| Pin 1 | COM | BLACK | 16 AWG | Pin 1 |
| Pin 2 | COM | BLACK | 16 AWG | Pin 2 |
| Pin 3 | COM | BLACK | 16 AWG | Pin 3 |
| Pin 4 | COM | BLACK | 16 AWG | Pin 4 |
| Pin 5 | +12V | BLACK | 16 AWG | Pin 5 |
| Pin 6 | +12V | BLACK | 16 AWG | Pin 6 |
| Pin 7 | +12V | BLACK | 16 AWG | Pin 7 |
| Pin 8 | +12V | BLACK | 16 AWG | Pin 8 |

| P8&P11<br>P6-I42002K21-B6<br>+<br>P2-I42002K13B-B<br>OR EQU. | RATING | WIRE COLOR | WIRE AWG | P10&P13<br>P8-I42002K12A-B2<br>OR EQU. |
|---|---|---|---|---|
| Pin 1 | +12V | BLACK | 16 AWG | Pin 1 |
| Pin 2 | +12V | BLACK | 16 AWG | Pin 2 |
| Pin 3 | +12V | BLACK | 16 AWG | Pin 3 |
| Pin 4 | COM | BLACK | 16 AWG | Pin 4 |
| Pin 5 | COM | BLACK | 16 AWG | Pin 5 |
| Pin 6 | COM | BLACK | 16 AWG | Pin 6 |
| Pin 7 | COM | BLACK | 16 AWG | Pin 7 |
| Pin 8 | COM | BLACK | 16 AWG | Pin 8 |

| P9&P12<br>P6-I42002K21-B6<br>+<br>P2-I42002K13B-B<br>OR EQU. | RATING | WIRE COLOR | WIRE AWG |
|---|---|---|---|
| Pin 1 | +12V | BLACK | 18 AWG |
| Pin 2 | +12V | BLACK | 18 AWG |
| Pin 3 | +12V | BLACK | 18 AWG |
| Pin 4 | COM | BLACK | 18 AWG |
| Pin 5 | COM | BLACK | 18 AWG |
| Pin 6 | COM | BLACK | 18 AWG |
| Pin 7 | COM | BLACK | 18 AWG |
| Pin 8 | COM | BLACK | 18 AWG |

| P14<br>限用<br>P012-I30006FS4Z-B | RATING | WIRE COLOR | WIRE AWG | P15<br>限用<br>P012-I30006FS4Z-B |
|---|---|---|---|---|
| Pin 1 | +12V | BLACK | 16 AWG | Pin 1 |
| Pin 2 | +12V | BLACK | 16 AWG | Pin 2 |
| Pin 3 | +12V | BLACK | 16 AWG | Pin 3 |
| Pin 4 | +12V | BLACK | 16 AWG | Pin 4 |
| Pin 5 | +12V | BLACK | 16 AWG | Pin 5 |
| Pin 6 | +12V | BLACK | 16 AWG | Pin 6 |
| Pin 7 | COM | BLACK | 16 AWG | Pin 7 |
| Pin 8 | COM | BLACK | 16 AWG | Pin 8 |
| Pin 9 | COM | BLACK | 16 AWG | Pin 9 |
| Pin 10 | COM | BLACK | 16 AWG | Pin 10 |
| Pin 11 | COM | BLACK | 16 AWG | Pin 11 |
| Pin 12 | COM | BLACK | 16 AWG | Pin 12 |
| Pin S1 | CARD_PWR_STABLE | BLACK | 24 AWG | Pin S1 |
| Pin S2 | CARD_CBL_PRES# | BLACK | 24 AWG | Pin S2 |
| Pin S3 | SENSE0 | BLACK | 24 AWG | Pin S3 |
| Pin S4 | SENSE1 | BLACK | 24 AWG | Pin S4 |




| B&G<br>P5-I12702T00<br>+<br>P5-I12702C<br>OR EQU. | RATING | WIRE COLOR | WIRE AWG | A&F<br>JP2416V2-151A-0<br>OR EQUIV. |
|---|---|---|---|---|
| Pin 1 | +3.3V | BLACK | 18 AWG | Pin 5 |
| Pin 2 | COM | BLACK | 18 AWG | Pin 4 |
| Pin 3 | +5V | BLACK | 18 AWG | Pin 3 |
| Pin 4 | COM | BLACK | 18 AWG | Pin 2 |
| Pin 5 | +12V | BLACK | 18 AWG | Pin 1 |

| C&H<br>P5-I12702T00<br>+<br>P5-I12702L1<br>OR EQU. | RATING | WIRE COLOR | WIRE AWG |
|---|---|---|---|
| Pin 1 | +3.3V | BLACK | 18 AWG |
| Pin 2 | COM | BLACK | 18 AWG |
| Pin 3 | +5V | BLACK | 18 AWG |
| Pin 4 | COM | BLACK | 18 AWG |
| Pin 5 | +12V | BLACK | 18 AWG |

| D&E&I&J<br>1-480424-0<br>OR EQU. | RATING | WIRE COLOR | WIRE AWG |
|---|---|---|---|
| Pin 1 | +12V | BLACK | 18 AWG |
| Pin 2 | COM | BLACK | 18 AWG |
| Pin 3 | +5V | BLACK | 18 AWG |
| Pin 4 | COM | BLACK | 18 AWG |

| L<br>SD-67582-001<br>OR EQU. | RATING | WIRE COLOR | WIRE AWG | K<br>JP2416V2-151A-0<br>OR EQUIV. |
|---|---|---|---|---|
| Pin 1 | +3.3V | BLACK | 18 AWG | Pin 5 |
| Pin 2 | COM | BLACK | 18 AWG | Pin 4 |
| Pin 3 | +5V | BLACK | 18 AWG | Pin 3 |
| Pin 4 | COM | BLACK | 18 AWG | Pin 2 |
| Pin 5 | +12V | BLACK | 18 AWG | Pin 1 |

| M&N&O<br>SD-67582-001<br>OR EQU. | RATING | WIRE COLOR | WIRE AWG |
|---|---|---|---|
| Pin 1 | +3.3V | BLACK | 18 AWG |
| Pin 2 | COM | BLACK | 18 AWG |
| Pin 3 | +5V | BLACK | 18 AWG |
| Pin 4 | COM | BLACK | 18 AWG |
| Pin 5 | +12V | BLACK | 18 AWG |

P/N.:9PA850AB00

UNIT:mm [inch]