

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO J.S.T. AND SHALL NOT BE USED OR SHOWN WITHOUT WRITTEN PERMISSION.

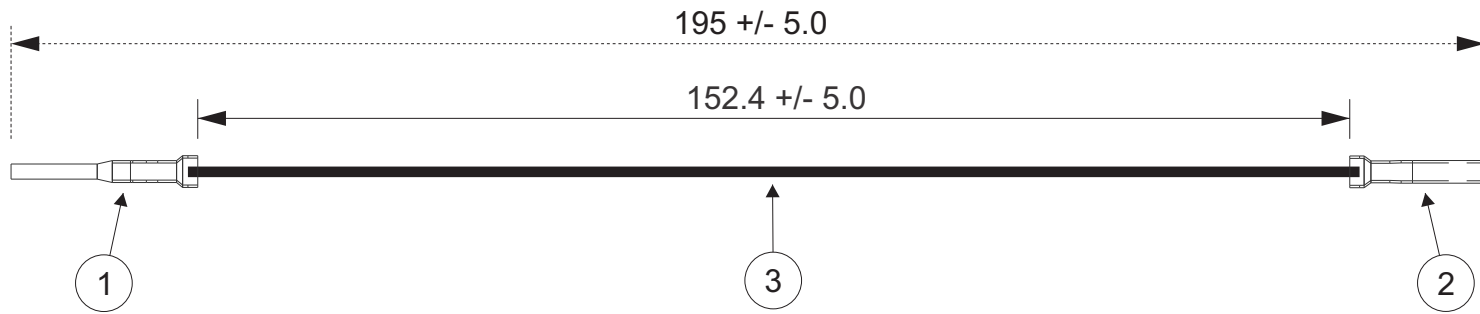
| Item No. | Part No.        | Description                  |
|----------|-----------------|------------------------------|
| 1        | SF3M-41GF-M2.0N | JFA Connector Male Contact   |
| 2        | SF3F-41GF-P2.0  | JFA Connector Female Contact |
| 3        | UL1007, 16 AWG  | Black                        |

|   |  |
|---|--|
| <u>Electrical Specifications</u>                                |  |
| Current: MAX 7.5AAC/DC  |  |
| Voltage: 3.81mm pitch - 250V AC/DC<br>5.08mm pitch - 600V AC/DC |  |

| APPLICABLE HOUSINGS              |                 |                  |                |                                  |                 |                    |                |            |                 |                  |                |    |
|----------------------------------|-----------------|------------------|----------------|----------------------------------|-----------------|--------------------|----------------|------------|-----------------|------------------|----------------|----|
| FOR MALE CONTACT                 |                 |                  |                |                                  |                 | FOR FEMALE CONTACT |                |            |                 |                  |                |    |
| TYPE                             | NO. OF CIRCUITS | HOUSING PART NO. | KEYING         | TYPE                             | NO. OF CIRCUITS | HOUSING PART NO.   | KEYING         | TYPE       | NO. OF CIRCUITS | HOUSING PART NO. | KEYING         |    |
| FREE HANGING TYPE (SINGLE ROW)   | 3               | F31MSF-03V-KX    | X              | FREE HANGING TYPE (DOUBLE ROW)   | 6               | F32MDF-06V-KXX     | XX             | SINGLE ROW | 3               | F31FSS-03V-KX    | X              |    |
|                                  |                 | F31MSF-03V-KY    | Y              |                                  |                 | F32MDF-06V-KYY     | YY             |            |                 | F31FSS-03V-KY    | Y              |    |
|                                  |                 | F31MSF-04V-KX    | X              |                                  |                 | F32MDF-06V-KXY     | XY             |            |                 | F31FSS-04V-KX    | X              |    |
|                                  | 4               | F31MSF-04V-KY    | Y              |                                  | 12              | F32MDF-12V-KXX     | XX             |            | 4               | F31FSS-04V-KY    | Y              |    |
|                                  |                 | F31MSF-05V-KX    | X              |                                  |                 | F32MDF-12V-KYY     | YY             |            |                 | F31FSS-05V-KX    | X              |    |
|                                  | 5               | F31MSF-05V-KY    | Y              |                                  | 6               | F32MDF-12V-KXY     | XY             |            | 5               | F31FSS-05V-KY    | Y              |    |
|                                  |                 | F31MSF-08V-KX    | X              |                                  |                 | F32MDP-06V-KXX     | XX             |            |                 | F31FSS-06V-KX    | X              |    |
|                                  | 8               | F31MSF-08V-KY    | Y              |                                  | 12              | F32MDP-06V-KYY     | YY             |            | 6               | F31FSS-06V-KY    | Y              |    |
|                                  |                 | F31MSF-10V-KX    | X              |                                  |                 | F32MDP-06V-KXY     | XY             |            |                 | F31FSS-08V-KX    | X              |    |
|                                  | 10              | F31MSF-10V-KY    | Y              |                                  | 6               | F32MDP-12V-KXX     | XX             |            | 8               | F31FSS-08V-KY    | Y              |    |
| F31MSP-03V-KX                    |                 | X                | F32MDP-12V-KYY | YY                               |                 | F31FSS-10V-KX      | X              |            |                 |                  |                |    |
| PANEL MOUNTING TYPE (SINGLE ROW) | 3               | F31MSP-03V-KY    | Y              | PANEL MOUNTING TYPE (DOUBLE ROW) | 12              | F32MDP-12V-KXY     | XY             | DOUBLE ROW | 10              | F31FSS-10V-KY    | Y              |    |
|                                  |                 | F31MSP-04V-KX    | X              |                                  |                 | F32MDP-20V-KXX     | XX             |            |                 | F32FMS-06V-KXX   | XX             |    |
|                                  |                 | F31MSP-04V-KY    | Y              |                                  |                 | -                  | -              |            |                 | F32FMS-06V-KYY   | YY             |    |
|                                  | 4               | F31MSP-05V-KX    | X              |                                  | -               | -                  | F32FMS-06V-KXY |            | XY              | 6                | F32FMS-10V-KXX | XX |
|                                  |                 | F31MSP-05V-KY    | Y              |                                  | -               | -                  | F32FMS-10V-KYY |            | YY              |                  |                |    |
|                                  | 5               | F31MSP-08V-KX    | X              |                                  | -               | -                  | F32FMS-10V-KXY |            | XY              | 10               | F32FMS-12V-KXX | XX |
|                                  |                 | F31MSP-08V-KY    | Y              |                                  | -               | -                  | F32FMS-12V-KYY |            | YY              |                  |                |    |
|                                  | 8               | F31MSP-10V-KX    | X              |                                  | -               | -                  | -              |            | -               | 12               | F32FMS-12V-KXY | XY |
|                                  |                 | F31MSP-10V-KY    | Y              |                                  | -               | -                  | -              |            | -               |                  | F32FMS-20V-KXX | XX |
|                                  | -               | -                | -              |                                  | -               | -                  | -              |            | -               | -                | -              | -  |
| -                                | -               | -                | -              | -                                | -               | -                  | -              | -          | -               | -                |                |    |

Note: Other housings and configurations are available. Please contact JST for details.



|   |               |                   |                 |           |
|---|---------------|-------------------|-----------------|-----------|
| All dimensions are in millimeters with a default tolerance of +/- 5.0 unless otherwise specified. | CUSTOMER NAME |                   |                 |           |
|   | DESCRIPTION   |                   |                 |           |
| Drawn By:<br>Larissa Mosley<br>Checked By:<br>Steven Pilkington                                   | SIZE          | CUSTOMER PART NO. | PART NO.        | REV       |
|   | SCALE         | DRAWING NO.       |                 | DATE      |
|   | 1:1           | GAM-808           | ASF3MSF3F16K152 | 3/28/2019 |

| ZONE | REV | DESCRIPTION | DATE | APPROVED |
|------|-----|-------------|------|----------|
|      |     |             |      |          |