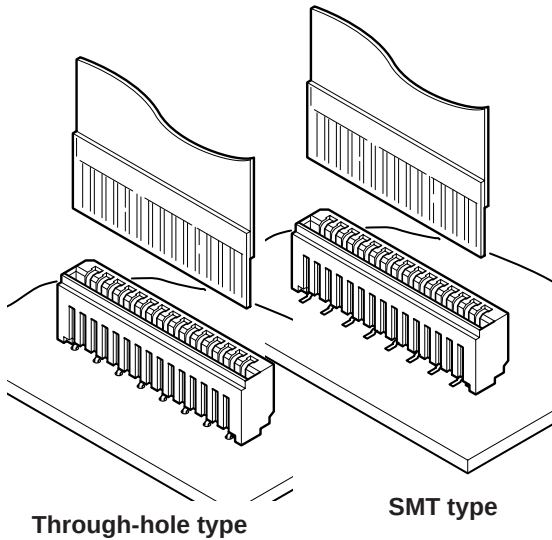


# FMN CONNECTOR

1.0mm pitch/Connectors for FFC



Through-hole type

SMT type

- Compact
- Low insertion force
- Both through-hole and SMT types are available
- Embossed tape for automatic mounting

## Specifications

- Current rating: 0.5 A DC
  - Voltage rating: 50 V DC
  - Temperature range: -25°C to +85°C  
(including temperature rise in applying electrical current)
  - Contact resistance: Initial value/ 30 mΩ max.  
After environmental tests/ 50 mΩ max.
  - Insulation resistance: 500 MΩ min.
  - Withstanding voltage: 500 VAC/minute
  - Applicable FFC: Conductor pitch/ 1.0 mm  
Conductor width/ 0.7 mm  
Mating part thickness/ 0.3 ± 0.05 mm
  - Applicable PC board thickness: 1.6 mm
- Note: FFC to be actually used should be checked for applicability.
- \* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
  - \* Contact JST for details.
  - \* Compliant with RoHS.

## Standards

Recognized E60389

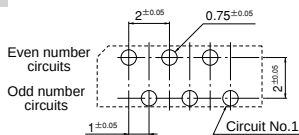
Certified LR20812

## PC board layout and Assembly layout

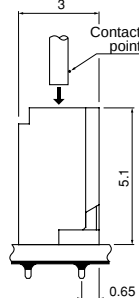
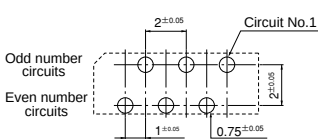
### <Through-hole type>

#### Top entry type

##### Normal type

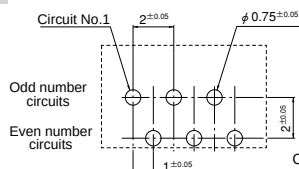


##### Reverse type

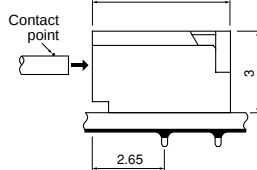
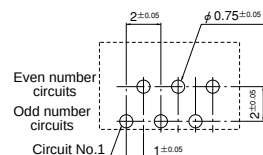


#### Side entry type

##### Normal type



##### Reverse type



Note:

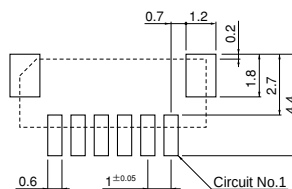
1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ±0.05 mm for all centers.
3. Hole dimensions differ according to the type of PC board and piercing method. The dimensions above should serve as a guideline. Contact JST for details.

### <SMT type>

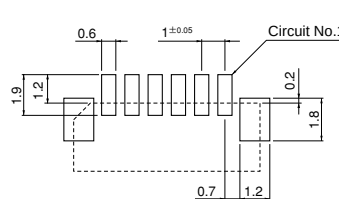
#### Top entry type

##### <In-line>

##### Normal type

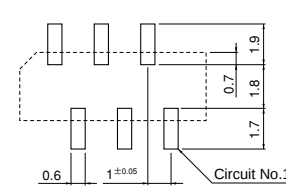


##### Reverse type

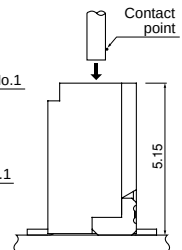
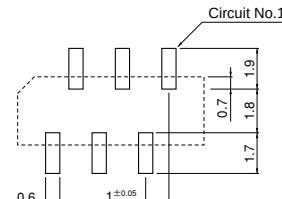


##### <Staggered>

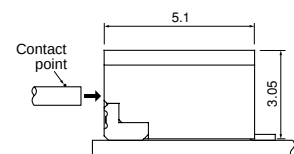
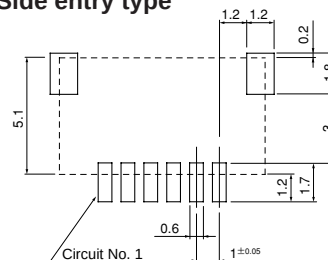
##### Normal type



##### Reverse type



#### Side entry type

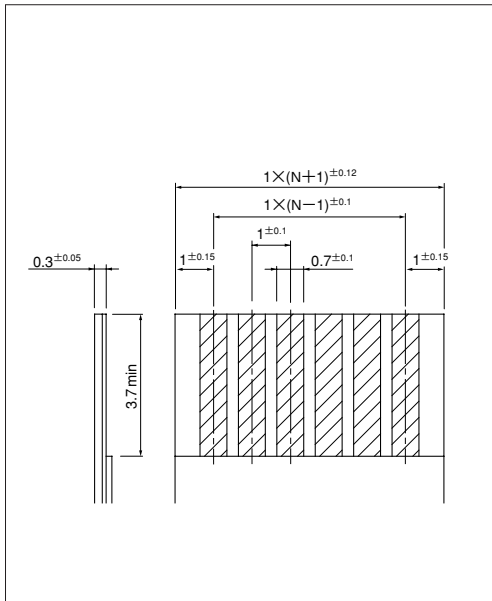


Note:

1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ±0.05 mm for all centers.
3. The dimensions above should serve as a guideline. Contact JST for details.

# FMN CONNECTOR

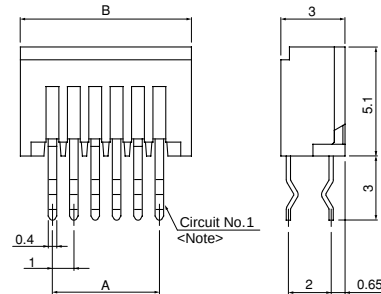
## Lead section dimensions of FFC



Note: N --- Number of circuits

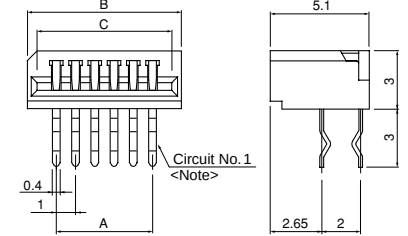
## Through-hole type Connector

### Top entry type

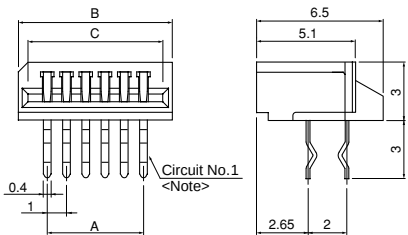


<Note> Normal type: The solder tail for circuit No.1 contact is positioned in front.  
Reverse type: The solder tail for circuit No.1 contact is positioned behind.

### Side entry type



### Side entry type with stop



| Circuits | Model No.      |              |                 |              |                           |               | Dimensions (mm) |      |      | Q'ty/box       |                 |                           |
|----------|----------------|--------------|-----------------|--------------|---------------------------|---------------|-----------------|------|------|----------------|-----------------|---------------------------|
|          | Top entry type |              | Side entry type |              | Side entry type with stop |               | A               | B    | C    | Top entry type | Side entry type | Side entry type with stop |
| 4        | 04FMN-BTK-A    | 04FMN-BTRK-A | 04FMN-STK-A     | 04FMN-STRK-A | 04FMN-SSTK-A              | 04FMN-SSTRK-A | 3.0             | 6.0  | 5.0  | 3,600          | 2,160           | 2,520                     |
| 5        | 05FMN-BTK-A    | 05FMN-BTRK-A | 05FMN-STK-A     | 05FMN-STRK-A | 05FMN-SSTK-A              | 05FMN-SSTRK-A | 4.0             | 7.0  | 6.0  | 3,100          | 1,860           | 2,170                     |
| 6        | 06FMN-BTK-A    | 06FMN-BTRK-A | 06FMN-STK-A     | 06FMN-STRK-A | 06FMN-SSTK-A              | 06FMN-SSTRK-A | 5.0             | 8.0  | 7.0  | 2,700          | 1,620           | 1,890                     |
| 7        | 07FMN-BTK-A    | 07FMN-BTRK-A | 07FMN-STK-A     | 07FMN-STRK-A | 07FMN-SSTK-A              | 07FMN-SSTRK-A | 6.0             | 9.0  | 8.0  | 2,400          | 1,440           | 1,680                     |
| 8        | 08FMN-BTK-A    | 08FMN-BTRK-A | 08FMN-STK-A     | 08FMN-STRK-A | 08FMN-SSTK-A              | 08FMN-SSTRK-A | 7.0             | 10.0 | 9.0  | 2,100          | 1,260           | 1,470                     |
| 9        | 09FMN-BTK-A    | 09FMN-BTRK-A | 09FMN-STK-A     | 09FMN-STRK-A | 09FMN-SSTK-A              | 09FMN-SSTRK-A | 8.0             | 11.0 | 10.0 | 1,900          | 1,140           | 1,330                     |
| 10       | 10FMN-BTK-A    | 10FMN-BTRK-A | 10FMN-STK-A     | 10FMN-STRK-A | 10FMN-SSTK-A              | 10FMN-SSTRK-A | 9.0             | 12.0 | 11.0 | 1,800          | 1,080           | 1,260                     |
| 11       | 11FMN-BTK-A    | 11FMN-BTRK-A | 11FMN-STK-A     | 11FMN-STRK-A | 11FMN-SSTK-A              | 11FMN-SSTRK-A | 10.0            | 13.0 | 12.0 | 1,600          | 960             | 1,120                     |
| 12       | 12FMN-BTK-A    | 12FMN-BTRK-A | 12FMN-STK-A     | 12FMN-STRK-A | 12FMN-SSTK-A              | 12FMN-SSTRK-A | 11.0            | 14.0 | 13.0 | 1,500          | 900             | 1,050                     |
| 13       | 13FMN-BTK-A    | 13FMN-BTRK-A | 13FMN-STK-A     | 13FMN-STRK-A | 13FMN-SSTK-A              | 13FMN-SSTRK-A | 12.0            | 15.0 | 14.0 | 1,400          | 840             | 980                       |
| 14       | 14FMN-BTK-A    | 14FMN-BTRK-A | 14FMN-STK-A     | 14FMN-STRK-A | 14FMN-SSTK-A              | 14FMN-SSTRK-A | 13.0            | 16.0 | 15.0 | 1,300          | 780             | 910                       |
| 15       | 15FMN-BTK-A    | 15FMN-BTRK-A | 15FMN-STK-A     | 15FMN-STRK-A | 15FMN-SSTK-A              | 15FMN-SSTRK-A | 14.0            | 17.0 | 16.0 | 1,200          | 720             | 840                       |
| 16       | 16FMN-BTK-A    | 16FMN-BTRK-A | 16FMN-STK-A     | 16FMN-STRK-A | 16FMN-SSTK-A              | 16FMN-SSTRK-A | 15.0            | 18.0 | 17.0 | 1,200          | 720             | 840                       |
| 17       | 17FMN-BTK-A    | 17FMN-BTRK-A | 17FMN-STK-A     | 17FMN-STRK-A | 17FMN-SSTK-A              | 17FMN-SSTRK-A | 16.0            | 19.0 | 18.0 | 1,100          | 660             | 770                       |
| 18       | 18FMN-BTK-A    | 18FMN-BTRK-A | 18FMN-STK-A     | 18FMN-STRK-A | 18FMN-SSTK-A              | 18FMN-SSTRK-A | 17.0            | 20.0 | 19.0 | 1,000          | 600             | 700                       |
| 19       | 19FMN-BTK-A    | 19FMN-BTRK-A | 19FMN-STK-A     | 19FMN-STRK-A | 19FMN-SSTK-A              | 19FMN-SSTRK-A | 18.0            | 21.0 | 20.0 | 1,000          | 600             | 700                       |
| 20       | 20FMN-BTK-A    | 20FMN-BTRK-A | 20FMN-STK-A     | 20FMN-STRK-A | 20FMN-SSTK-A              | 20FMN-SSTRK-A | 19.0            | 22.0 | 21.0 | 900            | 540             | 630                       |
| 21       | 21FMN-BTK-A    | 21FMN-BTRK-A | 21FMN-STK-A     | 21FMN-STRK-A | 21FMN-SSTK-A              | 21FMN-SSTRK-A | 20.0            | 23.0 | 22.0 | 900            | 540             | 630                       |
| 22       | 22FMN-BTK-A    | 22FMN-BTRK-A | 22FMN-STK-A     | 22FMN-STRK-A | 22FMN-SSTK-A              | 22FMN-SSTRK-A | 21.0            | 24.0 | 23.0 | 900            | 540             | 630                       |
| 23       | 23FMN-BTK-A    | 23FMN-BTRK-A | 23FMN-STK-A     | 23FMN-STRK-A | 23FMN-SSTK-A              | 23FMN-SSTRK-A | 22.0            | 25.0 | 24.0 | 800            | 480             | 560                       |
| 24       | 24FMN-BTK-A    | 24FMN-BTRK-A | 24FMN-STK-A     | 24FMN-STRK-A | 24FMN-SSTK-A              | 24FMN-SSTRK-A | 23.0            | 26.0 | 25.0 | 800            | 480             | 560                       |
| 25       | 25FMN-BTK-A    | 25FMN-BTRK-A | 25FMN-STK-A     | 25FMN-STRK-A | 25FMN-SSTK-A              | 25FMN-SSTRK-A | 24.0            | 27.0 | 26.0 | 800            | 480             | 560                       |
| 26       | 26FMN-BTK-A    | 26FMN-BTRK-A | 26FMN-STK-A     | 26FMN-STRK-A | 26FMN-SSTK-A              | 26FMN-SSTRK-A | 25.0            | 28.0 | 27.0 | 700            | 420             | 490                       |
| 27       | 27FMN-BTK-A    | 27FMN-BTRK-A | 27FMN-STK-A     | 27FMN-STRK-A | 27FMN-SSTK-A              | 27FMN-SSTRK-A | 26.0            | 29.0 | 28.0 | 700            | 420             | 490                       |
| 28       | 28FMN-BTK-A    | 28FMN-BTRK-A | 28FMN-STK-A     | 28FMN-STRK-A | 28FMN-SSTK-A              | 28FMN-SSTRK-A | 27.0            | 30.0 | 29.0 | 700            | 420             | 490                       |
| 29       | 29FMN-BTK-A    | 29FMN-BTRK-A | 29FMN-STK-A     | 29FMN-STRK-A | 29FMN-SSTK-A              | 29FMN-SSTRK-A | 28.0            | 31.0 | 30.0 | 700            | 420             | 490                       |
| 30       | 30FMN-BTK-A    | 30FMN-BTRK-A | 30FMN-STK-A     | 30FMN-STRK-A | 30FMN-SSTK-A              | 30FMN-SSTRK-A | 29.0            | 32.0 | 31.0 | 600            | 360             | 420                       |
| 31       | 31FMN-BTK-A    | 31FMN-BTRK-A | 31FMN-STK-A     | 31FMN-STRK-A | 31FMN-SSTK-A              | 31FMN-SSTRK-A | 30.0            | 33.0 | 32.0 | 600            | 360             | 420                       |
| 32       | 32FMN-BTK-A    | 32FMN-BTRK-A | 32FMN-STK-A     | 32FMN-STRK-A | 32FMN-SSTK-A              | 32FMN-SSTRK-A | 31.0            | 34.0 | 33.0 | 600            | 360             | 420                       |
| 33       | 33FMN-BTK-A    | 33FMN-BTRK-A | 33FMN-STK-A     | 33FMN-STRK-A | 33FMN-SSTK-A              | 33FMN-SSTRK-A | 32.0            | 35.0 | 34.0 | 600            | 360             | 420                       |
| 34       | 34FMN-BTK-A    | 34FMN-BTRK-A | 34FMN-STK-A     | 34FMN-STRK-A | 34FMN-SSTK-A              | 34FMN-SSTRK-A | 33.0            | 36.0 | 35.0 | 600            | 360             | 420                       |
| 35       | 35FMN-BTK-A    | 35FMN-BTRK-A | 35FMN-STK-A     | 35FMN-STRK-A | 35FMN-SSTK-A              | 35FMN-SSTRK-A | 34.0            | 37.0 | 36.0 | 500            | 300             | 350                       |
| 36       | 36FMN-BTK-A    | 36FMN-BTRK-A | 36FMN-STK-A     | 36FMN-STRK-A | 36FMN-SSTK-A              | 36FMN-SSTRK-A | 35.0            | 38.0 | 37.0 | 500            | 300             | 350                       |
| 37       | 37FMN-BTK-A    | 37FMN-BTRK-A | 37FMN-STK-A     | 37FMN-STRK-A | 37FMN-SSTK-A              | 37FMN-SSTRK-A | 36.0            | 39.0 | 38.0 | 500            | 300             | 350                       |
| 38       | 38FMN-BTK-A    | 38FMN-BTRK-A | 38FMN-STK-A     | 38FMN-STRK-A | 38FMN-SSTK-A              | 38FMN-SSTRK-A | 37.0            | 40.0 | 39.0 | 500            | 300             | 350                       |
| 39       | 39FMN-BTK-A    | 39FMN-BTRK-A | 39FMN-STK-A     | 39FMN-STRK-A | 39FMN-SSTK-A              | 39FMN-SSTRK-A | 38.0            | 41.0 | 40.0 | 500            | 300             | 350                       |
| 40       | 40FMN-BTK-A    | 40FMN-BTRK-A | 40FMN-STK-A     | 40FMN-STRK-A | 40FMN-SSTK-A              | 40FMN-SSTRK-A | 39.0            | 42.0 | 41.0 | 500            | 300             | 350                       |

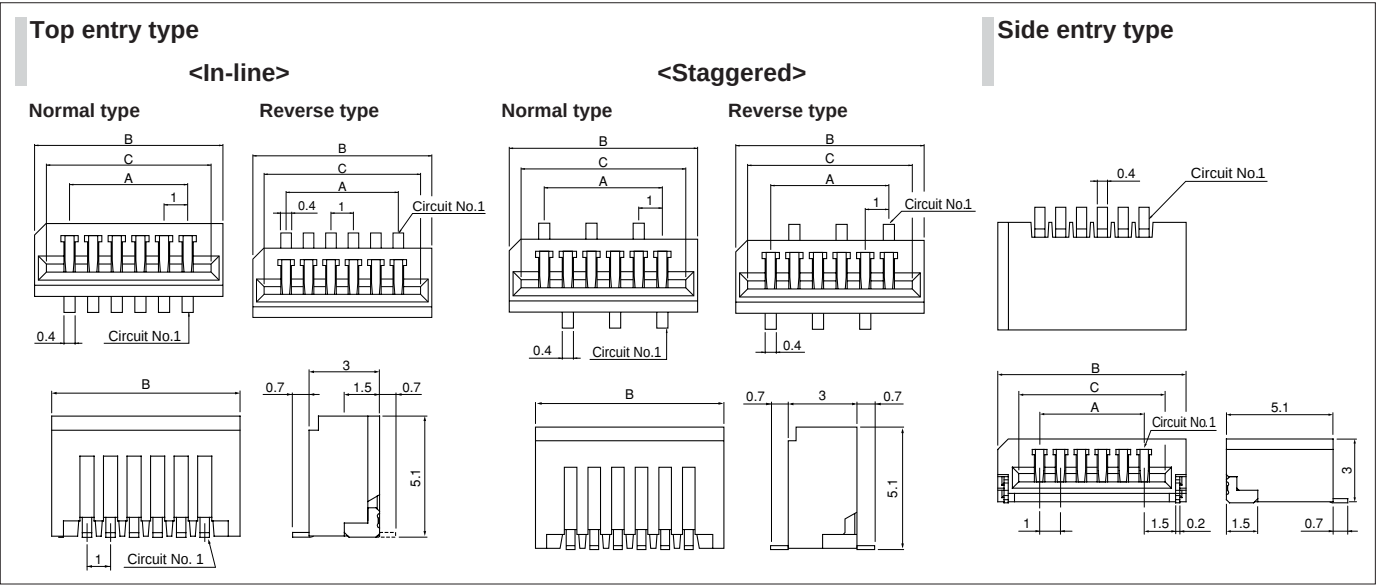
### Material and Finish

Contact: Phosphor bronze, copper-undercoated, tin-plated (reflow treatment)  
Housing: 4 to 22 circuits/PBT, UL94V-0, Normal type---gray Reverse type---brown  
23 to 40 circuits/PA 6T, UL94V-0, Normal type---gray Reverse type---black

RoHS compliance This product displays (LF)(SN) on a label.

FMN CONNECTOR

SMT type Connector



| Circuits | Model No.      |                 |                  |                  |                 | Dimensions (mm) |                |                 |      | Q'ty/reel      |                 |
|----------|----------------|-----------------|------------------|------------------|-----------------|-----------------|----------------|-----------------|------|----------------|-----------------|
|          | Top entry type |                 |                  |                  | Side entry type |                 |                |                 |      |                |                 |
|          | In-line        |                 | Staggered        |                  |                 | A               | B              |                 | C    | Top entry type | Side entry type |
|          | Normal type    | Reverse type    | Normal type      | Reverse type     |                 |                 | Top entry type | Side entry type |      |                |                 |
| 4        | 04FMN-BMT-A-TF | 04FMN-BMTR-A-TB | 04FMN-BMTTN-A-TF | 04FMN-BMTTR-A-TB | 04FMN-SMT-A-TF  | 3.0             | 6.0            | 7.0             | 5.0  | 1,000          | 2,000           |
| 5        | 05FMN-BMT-A-TF | 05FMN-BMTR-A-TB | 05FMN-BMTTN-A-TF | 05FMN-BMTTR-A-TB | 05FMN-SMT-A-TF  | 4.0             | 7.0            | 8.0             | 6.0  | 1,000          | 2,000           |
| 6        | 06FMN-BMT-A-TF | 06FMN-BMTR-A-TB | 06FMN-BMTTN-A-TF | 06FMN-BMTTR-A-TB | 06FMN-SMT-A-TF  | 5.0             | 8.0            | 9.0             | 7.0  | 1,000          | 2,000           |
| 7        | 07FMN-BMT-A-TF | 07FMN-BMTR-A-TB | 07FMN-BMTTN-A-TF | 07FMN-BMTTR-A-TB | 07FMN-SMT-A-TF  | 6.0             | 9.0            | 10.0            | 8.0  | 1,000          | 2,000           |
| 8        | 08FMN-BMT-A-TF | 08FMN-BMTR-A-TB | 08FMN-BMTTN-A-TF | 08FMN-BMTTR-A-TB | 08FMN-SMT-A-TF  | 7.0             | 10.0           | 11.0            | 9.0  | 1,000          | 2,000           |
| 9        | 09FMN-BMT-A-TF | 09FMN-BMTR-A-TB | 09FMN-BMTTN-A-TF | 09FMN-BMTTR-A-TB | 09FMN-SMT-A-TF  | 8.0             | 11.0           | 12.0            | 10.0 | 1,000          | 2,000           |
| 10       | 10FMN-BMT-A-TF | 10FMN-BMTR-A-TB | 10FMN-BMTTN-A-TF | 10FMN-BMTTR-A-TB | 10FMN-SMT-A-TF  | 9.0             | 12.0           | 13.0            | 11.0 | 1,000          | 2,000           |
| 11       | 11FMN-BMT-A-TF | 11FMN-BMTR-A-TB | 11FMN-BMTTN-A-TF | 11FMN-BMTTR-A-TB | 11FMN-SMT-A-TF  | 10.0            | 13.0           | 14.0            | 12.0 | 1,000          | 2,000           |
| 12       | 12FMN-BMT-A-TF | 12FMN-BMTR-A-TB | 12FMN-BMTTN-A-TF | 12FMN-BMTTR-A-TB | 12FMN-SMT-A-TF  | 11.0            | 14.0           | 15.0            | 13.0 | 1,000          | 2,000           |
| 13       | 13FMN-BMT-A-TF | 13FMN-BMTR-A-TB | 13FMN-BMTTN-A-TF | 13FMN-BMTTR-A-TB | 13FMN-SMT-A-TF  | 12.0            | 15.0           | 16.0            | 14.0 | 1,000          | 2,000           |
| 14       | 14FMN-BMT-A-TF | 14FMN-BMTR-A-TB | 14FMN-BMTTN-A-TF | 14FMN-BMTTR-A-TB | 14FMN-SMT-A-TF  | 13.0            | 16.0           | 17.0            | 15.0 | 1,000          | 2,000           |
| 15       | 15FMN-BMT-A-TF | 15FMN-BMTR-A-TB | 15FMN-BMTTN-A-TF | 15FMN-BMTTR-A-TB | 15FMN-SMT-A-TF  | 14.0            | 17.0           | 18.0            | 16.0 | 1,000          | 2,000           |
| 16       | 16FMN-BMT-A-TF | 16FMN-BMTR-A-TB | 16FMN-BMTTN-A-TF | 16FMN-BMTTR-A-TB | 16FMN-SMT-A-TF  | 15.0            | 18.0           | 19.0            | 17.0 | 1,000          | 2,000           |
| 17       | 17FMN-BMT-A-TF | 17FMN-BMTR-A-TB | 17FMN-BMTTN-A-TF | 17FMN-BMTTR-A-TB | 17FMN-SMT-A-TF  | 16.0            | 19.0           | 20.0            | 18.0 | 1,000          | 2,000           |
| 18       | 18FMN-BMT-A-TF | 18FMN-BMTR-A-TB | 18FMN-BMTTN-A-TF | 18FMN-BMTTR-A-TB | 18FMN-SMT-A-TF  | 17.0            | 20.0           | 21.0            | 19.0 | 1,000          | 2,000           |
| 19       | 19FMN-BMT-A-TF | 19FMN-BMTR-A-TB | 19FMN-BMTTN-A-TF | 19FMN-BMTTR-A-TB | 19FMN-SMT-A-TF  | 18.0            | 21.0           | 22.0            | 20.0 | 1,000          | 2,000           |
| 20       | 20FMN-BMT-A-TF | 20FMN-BMTR-A-TB | 20FMN-BMTTN-A-TF | 20FMN-BMTTR-A-TB | 20FMN-SMT-A-TF  | 19.0            | 22.0           | 23.0            | 21.0 | 1,000          | 2,000           |
| 21       | 21FMN-BMT-A-TF | 21FMN-BMTR-A-TB | —                | 21FMN-BMTTR-A-TB | 21FMN-SMT-A-TF  | 20.0            | 23.0           | 24.0            | 22.0 | 1,000          | 2,000           |
| 22       | 22FMN-BMT-A-TF | 22FMN-BMTR-A-TB | 22FMN-BMTTN-A-TF | 22FMN-BMTTR-A-TB | 22FMN-SMT-A-TF  | 21.0            | 24.0           | 25.0            | 23.0 | 1,000          | 2,000           |
| 23       | 23FMN-BMT-A-TF | 23FMN-BMTR-A-TB | 23FMN-BMTTN-A-TF | —                | 23FMN-SMT-A-TF  | 22.0            | 25.0           | 26.0            | 24.0 | 1,000          | 2,000           |
| 24       | 24FMN-BMT-A-TF | 24FMN-BMTR-A-TB | 24FMN-BMTTN-A-TF | —                | 24FMN-SMT-A-TF  | 23.0            | 26.0           | 27.0            | 25.0 | 1,000          | 2,000           |
| 25       | 25FMN-BMT-A-TF | 25FMN-BMTR-A-TB | 25FMN-BMTTN-A-TF | 25FMN-BMTTR-A-TB | 25FMN-SMT-A-TF  | 24.0            | 27.0           | 28.0            | 26.0 | 1,000          | 2,000           |
| 26       | 26FMN-BMT-A-TF | 26FMN-BMTR-A-TB | 26FMN-BMTTN-A-TF | —                | 26FMN-SMT-A-TF  | 25.0            | 28.0           | 29.0            | 27.0 | 1,000          | 2,000           |
| 27       | 27FMN-BMT-A-TF | 27FMN-BMTR-A-TB | 27FMN-BMTTN-A-TF | 27FMN-BMTTR-A-TB | 27FMN-SMT-A-TF  | 26.0            | 29.0           | 30.0            | 28.0 | 1,000          | 2,000           |
| 28       | —              | 28FMN-BMTR-A-TB | 28FMN-BMTTN-A-TF | 28FMN-BMTTR-A-TB | 28FMN-SMT-A-TF  | 27.0            | 30.0           | 31.0            | 29.0 | 1,000          | 2,000           |
| 29       | 29FMN-BMT-A-TF | 29FMN-BMTR-A-TB | 29FMN-BMTTN-A-TF | 29FMN-BMTTR-A-TB | 29FMN-SMT-A-TF  | 28.0            | 31.0           | 32.0            | 30.0 | 1,000          | 2,000           |
| 30       | 30FMN-BMT-A-TF | 30FMN-BMTR-A-TB | 30FMN-BMTTN-A-TF | 30FMN-BMTTR-A-TB | 30FMN-SMT-A-TF  | 29.0            | 32.0           | 33.0            | 31.0 | 1,000          | 2,000           |
| 31       | 31FMN-BMT-A-TF | 31FMN-BMTR-A-TB | 31FMN-BMTTN-A-TF | 31FMN-BMTTR-A-TB | 31FMN-SMT-A-TF  | 30.0            | 33.0           | 34.0            | 32.0 | 1,000          | 2,000           |
| 32       | 32FMN-BMT-A-TF | 32FMN-BMTR-A-TB | 32FMN-BMTTN-A-TF | 32FMN-BMTTR-A-TB | 32FMN-SMT-A-TF  | 31.0            | 34.0           | 35.0            | 33.0 | 1,000          | 2,000           |
| 33       | 33FMN-BMT-A-TF | —               | 33FMN-BMTTN-A-TF | 33FMN-BMTTR-A-TB | 33FMN-SMT-A-TF  | 32.0            | 35.0           | 36.0            | 34.0 | 1,000          | 2,000           |
| 34       | 34FMN-BMT-A-TF | —               | 34FMN-BMTTN-A-TF | 34FMN-BMTTR-A-TB | 34FMN-SMT-A-TF  | 33.0            | 36.0           | 37.0            | 35.0 | 1,000          | 2,000           |
| 35       | 35FMN-BMT-A-TF | 35FMN-BMTR-A-TB | 35FMN-BMTTN-A-TF | 35FMN-BMTTR-A-TB | 35FMN-SMT-A-TF  | 34.0            | 37.0           | 38.0            | 36.0 | 1,000          | 2,000           |
| 36       | 36FMN-BMT-A-TF | 36FMN-BMTR-A-TB | 36FMN-BMTTN-A-TF | 36FMN-BMTTR-A-TB | 36FMN-SMT-A-TF  | 35.0            | 38.0           | 39.0            | 37.0 | 1,000          | 2,000           |
| 37       | 37FMN-BMT-A-TF | 37FMN-BMTR-A-TB | 37FMN-BMTTN-A-TF | 37FMN-BMTTR-A-TB | 37FMN-SMT-A-TF  | 36.0            | 39.0           | 40.0            | 38.0 | 1,000          | 2,000           |
| 38       | 38FMN-BMT-A-TF | 38FMN-BMTR-A-TB | 38FMN-BMTTN-A-TF | 38FMN-BMTTR-A-TB | 38FMN-SMT-A-TF  | 37.0            | 40.0           | 41.0            | 39.0 | 1,000          | 2,000           |
| 39       | 39FMN-BMT-A-TF | 39FMN-BMTR-A-TB | 39FMN-BMTTN-A-TF | 39FMN-BMTTR-A-TB | 39FMN-SMT-A-TF  | 38.0            | 41.0           | 42.0            | 40.0 | 1,000          | 2,000           |
| 40       | 40FMN-BMT-A-TF | 40FMN-BMTR-A-TB | 40FMN-BMTTN-A-TF | 40FMN-BMTTR-A-TB | 40FMN-SMT-A-TF  | 39.0            | 42.0           | 43.0            | 41.0 | 1,000          | 2,000           |

Material and Finish

Contact: Phosphor bronze, copper-undercoated, tin-plated (reflow treatment)  
Housing: PA 6T, UL94V-0, black  
Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

RoHS compliance This product displays (LF)(SN) on a label.  
Note: 1. The products listed above are supplied on embossed tape.  
2. Contact JST for the top entry type headers with suction cap.