

## Feedthrough

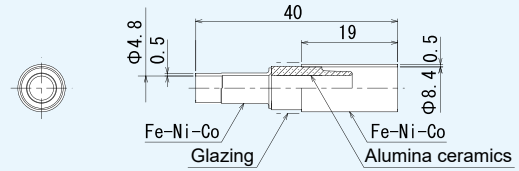


fig.1

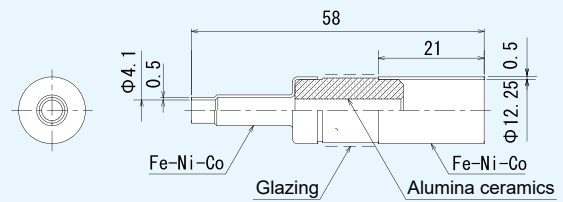


fig.2

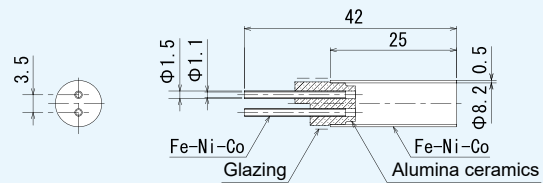


fig.3

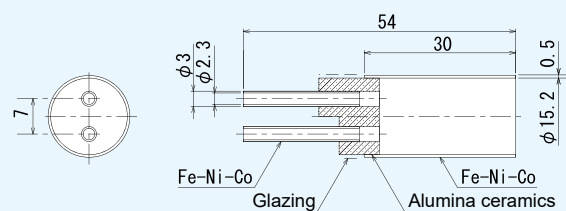
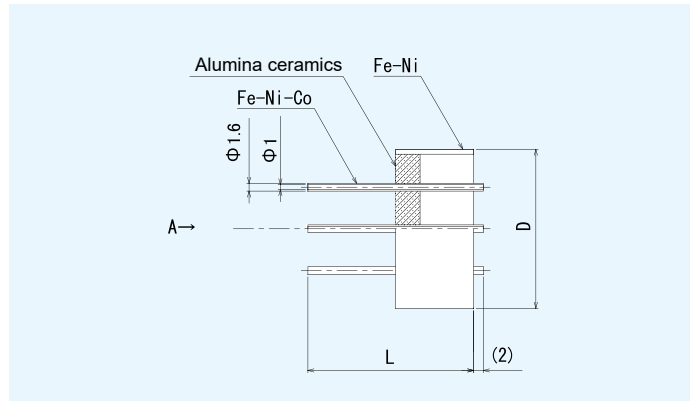








fig.4

\* Parts are joined by means of silver brazing.

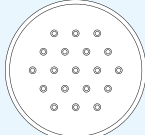
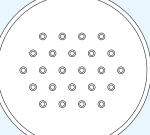
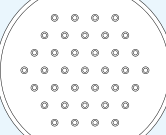
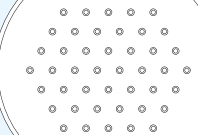
| Model             | Shape | Number of pipes | Withstand voltage (test voltage) | Insulation resistance            | Hermeticity   |
|-------------------|-------|-----------------|----------------------------------|----------------------------------|---|
| T-01-03-48-84-40  | fig.1 | 1               | AC 3000 V                        | 1000 MΩ or more<br>(at DC 500 V) | 1x10 <sup>-10</sup> Pa·m <sup>3</sup> /s<br>or less |
| T-01-02-41-122-58 | fig.2 | 1               | AC 2500 V                        |                                  |   |
| T-02-02-11-82-42  | fig.3 | 2               | AC 2000 V                        |                                  |   |
| T-02-02-23-152-54 | fig.4 | 2               | AC 2000 V                        |                                  |   |

## Feedthrough TM (MIL layout type)



|                   |  |  |  |  |  |  |
|-------------------|--|--|--|--|--|--|
| View from arrow A |  |  |  |  |  |  |
| Number of pipes   | 2  | 3  | 4  | 6  | 10   | 14   |

|                   |   |   |  |   |
|-------------------|---|---|--|---|
| View from arrow A |  |  |  |  |
| Number of pipes   | 19  | 24  | 37   | 48  |

\* Parts are joined by means of silver brazing.

| Model    | Number of pipes | Dimensions  |    | Withstand voltage (test voltage) | Insulation resistance                 | Hermeticity                         |
|----------|-----------------|-------------|----|----------------------------------|---------------------------------------|-------------------------------------|
|          |                 | D           | L  |                                  |                                       |                                     |
| TM-02-00 | 2               | $\phi$ 17.0 | 32 | DC 500 V                         | 1000 M $\Omega$ or more (at DC 500 V) | 1x10 <sup>-10</sup> Pa·m³/s or less |
| TM-03-00 | 3               | $\phi$ 20.1 |    |                                  |                                       |                                     |
| TM-04-00 | 4               |             |    |                                  |                                       |                                     |
| TM-06-00 | 6               |             |    |                                  |                                       |                                     |
| TM-10-00 | 10              | $\phi$ 26.1 | 34 |                                  |                                       |                                     |
| TM-14-00 | 14              | $\phi$ 29.6 |    |                                  |                                       |                                     |
| TM-19-00 | 19              | $\phi$ 32.6 |    |                                  |                                       |                                     |
| TM-24-00 | 24              | $\phi$ 36.6 |    |                                  |                                       |                                     |
| TM-37-00 | 37              | $\phi$ 41.1 |    |                                  |                                       |                                     |
| TM-48-00 | 48              | $\phi$ 53.1 |    |                                  |                                       |                                     |