

|           |             |
|-----------|-------------|
| PART No.  | L           |
| 8-25-0069 | 100.0±2.0mm |

PLEASE CONTACT I-PEX FOR REQUESTS OTHER THAN THIS SPECIFICATIONS.  
PLEASE NOTE IF SPECIFICATIONS CHANGE, P/N WILL ALSO CHANGE.

- NOTES  
1. PACKING : PLASTIC BAG  
2. PERMISSIBLE LOAD ON THE CABLE AFTER MATING  

COAXIAL CABLE

4N MAX.

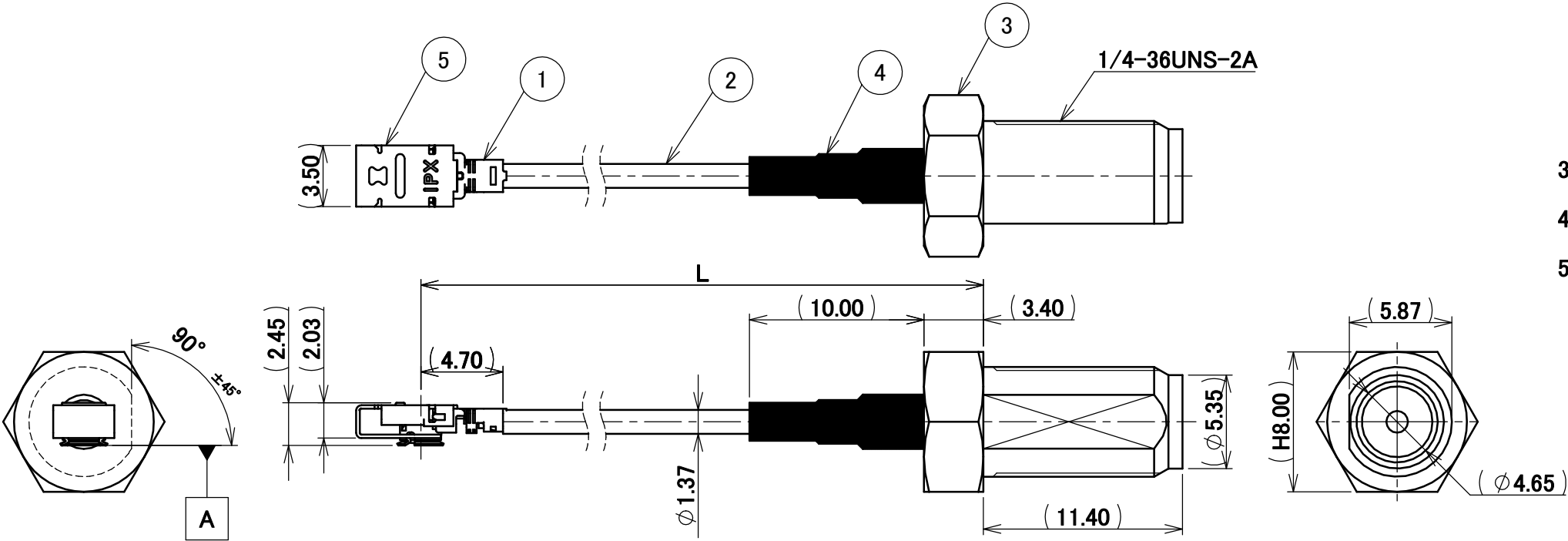
2N MAX.

2N MAX.

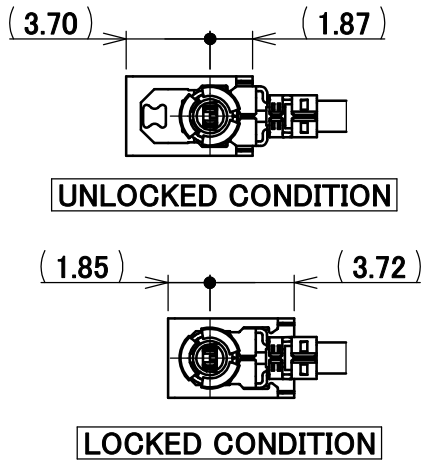
LOCK PLUG

RECEPTACLE

3. CABLE CRIMP STRENGTH OF MHF I SIDE : 15N MIN.  
CABLE CRIMP STRENGTH OF SMA JACK SIDE : 19.6N MIN.  
4. TO OPERATE LOCK PART  
FOLLOW I-PEX INSTRUCTION MANUAL HIM-17020  
5. DO NOT ROTATE THE PLUG IN THE MATING CONDITION.

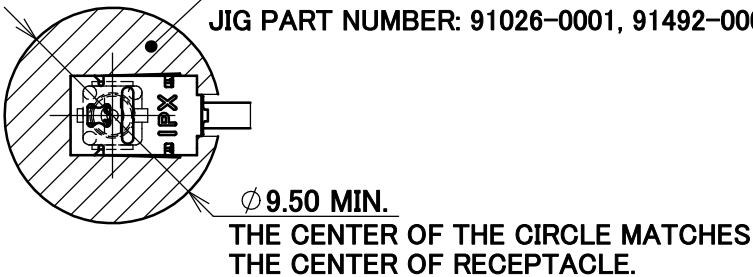


MULTIPLE CONNECTORS LAYOUT



SINGLE CONNECTOR LAYOUT

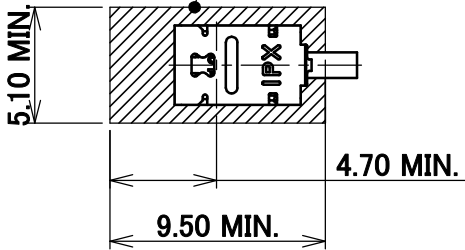
COMPONENTS PLACEMENT PROHIBITED AREA  
FOR PLUG 360° ROTATION AND UNMATING AND LOCK  
JIG PART NUMBER: 91026-0001, 91492-0001



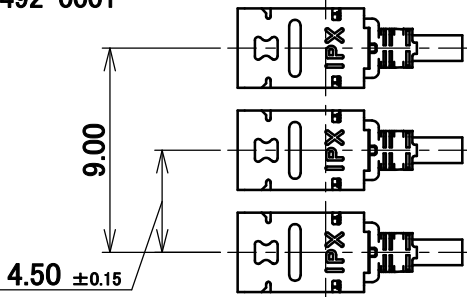
MATING AND LOCK CONDITION  
WITH MHF I LK HARNESS

DO NOT MATE WITH RECEPTACLE  
UNDER THIS LOCKED CONDITION.

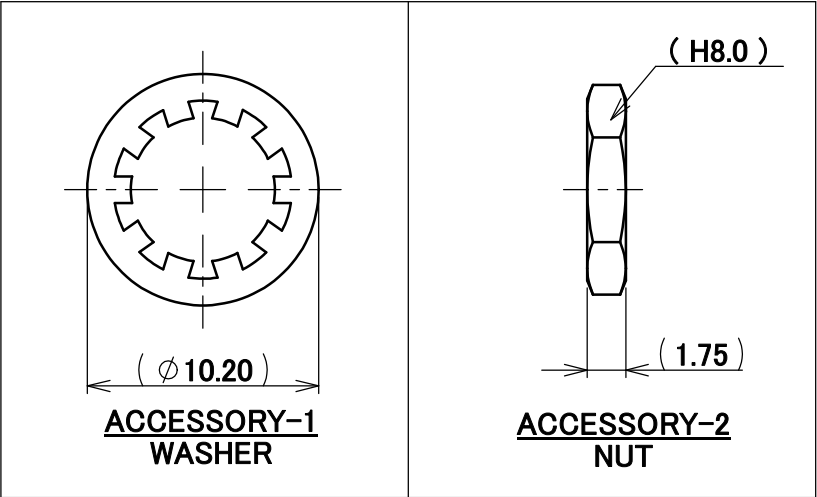
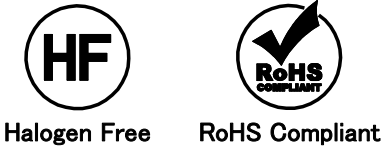
COMPONENTS PLACEMENT PROHIBITED AREA  
REQUIRED AREA FOR RECOMMENDED JIG TO OPERATE  
MHF I LK HARNESS IN 4.50±0.15 mm PITCH (M.2 PITCH) SMOOTHLY.  
JIG PART NUMBER: 91492-0001

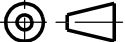


MATING AND LOCK CONDITION  
WITH MHF I LK HARNESS NARROW PITCH



MHF I LK HARNESS UNLOCK CONDITION  
NARROW PITCH DIMENSIONS



|                 |                  |     |            |                   |                    |                                                    |                  |                                                |                                                                                                     |                         |                                                                                                            |       |      |
|-----------------|------------------|-----|------------|-------------------|--------------------|----------------------------------------------------|------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------|------------------------------------------------------------------------------------------------------------|-------|------|
| 5               | LOCK PART        |     |            |                   | 1                  | -                                                  |                  |                                                |                                                                                                     |                         |                                                                                                            |       |      |
| 4               | HEAT SHRINK TUBE |     |            |                   | 1                  | COLOR : BLACK                                      |                  |                                                |                                                                                                     |                         |                                                                                                            |       |      |
| 3               | SMA JACK         |     |            |                   | 1                  | -                                                  |                  |                                                |                                                                                                     |                         |                                                                                                            |       |      |
| 2               | CABLE            |     |            |                   | 1                  | AWG#30 Φ 1.37, BRAIDED SHIELD + Cu-PET TAPE, BLACK |                  |                                                |                                                                                                     |                         |                                                                                                            |       |      |
| 1               | CONNECTOR        |     |            |                   | 1                  | MHF I Au                                           |                  |                                                |                                                                                                     |                         |                                                                                                            |       |      |
| NO.             | DESCRIPTION      |     |            |                   | QTY                | REMARK                                             |                  |                                                |                                                                                                     |                         |                                                                                                            |       |      |
|                 |                  |     |            |                   | ANGLE              | ±2°                                                | 6 OVER 30 MAX.   | ±0.3                                           | PROJECTION<br> | SERIES No.<br>H-240051A | CUSTOMER COPY<br><br> |       |      |
|                 |                  |     |            |                   | 6 MAX.             | ±0.2                                               | 30 OVER 120 MAX. | ±0.5                                           |                                                                                                     |                         |                                                                                                            |       |      |
|                 |                  |     |            |                   | GENERAL TOLERANCE. |                                                    |                  | TITLE<br>MHF®<br>I-0 CABLE137-7<br>+SMA(J) +LK |                                                                                                     |                         | SCALE                                                                                                      | I-PEX |      |
|                 |                  |     |            | DWG.              | DATE               |                                                    | 3:1              |                                                |                                                                                                     |                         |                                                                                                            |       |      |
|                 |                  |     |            | M.Toida2025/03/07 |                    |                                                    |                  |                                                |                                                                                                     |                         |                                                                                                            |       |      |
|                 |                  |     |            | CHK.              | T.Takuno           |                                                    |                  | UNIT<br>mm                                     |                                                                                                     |                         |                                                                                                            |       |      |
| 0               | Z250128          | TOI | 2025/03/07 | -                 |                    |                                                    |                  |                                                |                                                                                                     |                         |                                                                                                            |       |      |
| REV.            | ECN              | BY  | DATE       | APP.              | APP.               |                                                    |                  | DWG. No.                                       |                                                                                                     |                         | SIZE                                                                                                       | SHEET | REV. |
| REVISION RECORD |                  |     |            |                   | K.Yufu             |                                                    |                  | 8-25-0069                                      |                                                                                                     |                         | A3                                                                                                         | 1/1   | 0    |