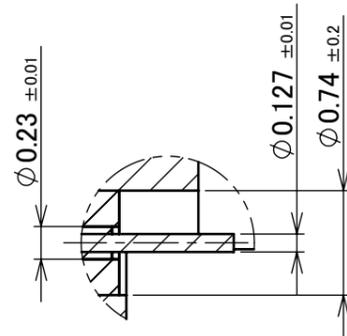


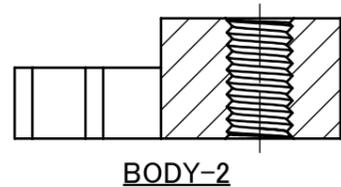
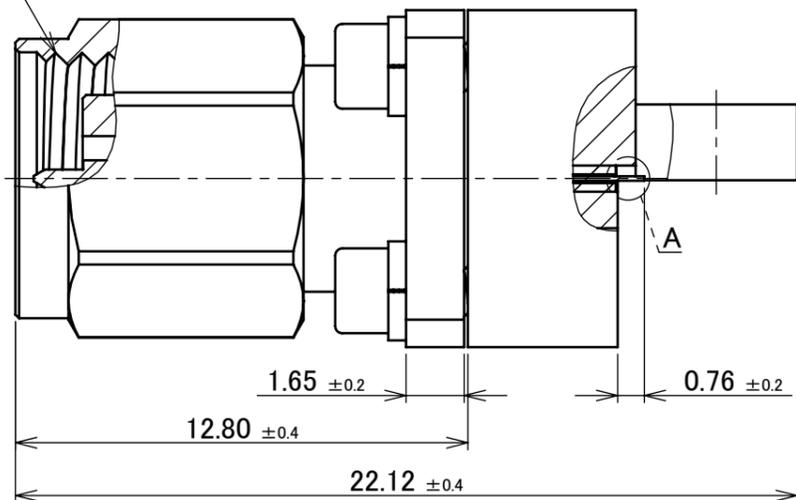
Recommended P/N 50202-0001

| | |
|------------------------|---------------------|
| PART NO. 50202-0001 | REMARK PLUG TYPE |
|------------------------|---------------------|

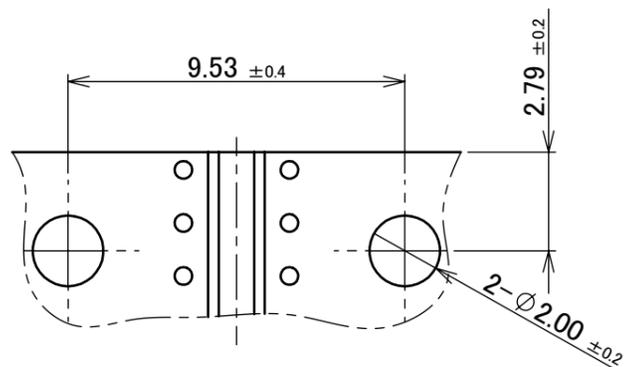


DETAIL A
(S = 20 : 1)

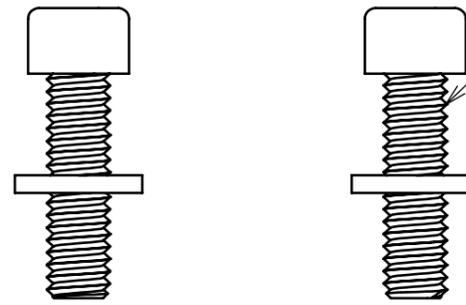
2.4mm PLUG
(M7 x P0.5-6H)



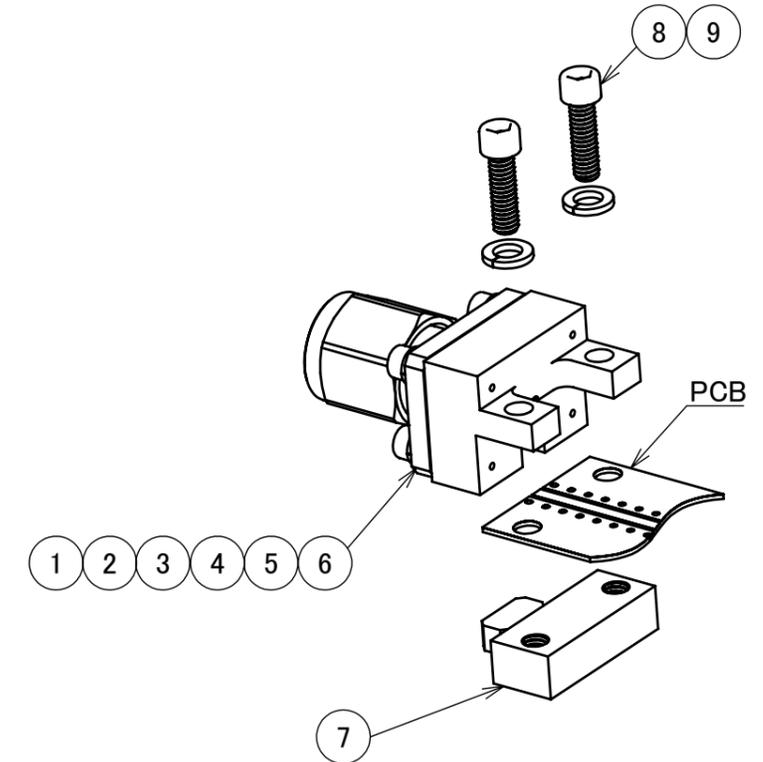
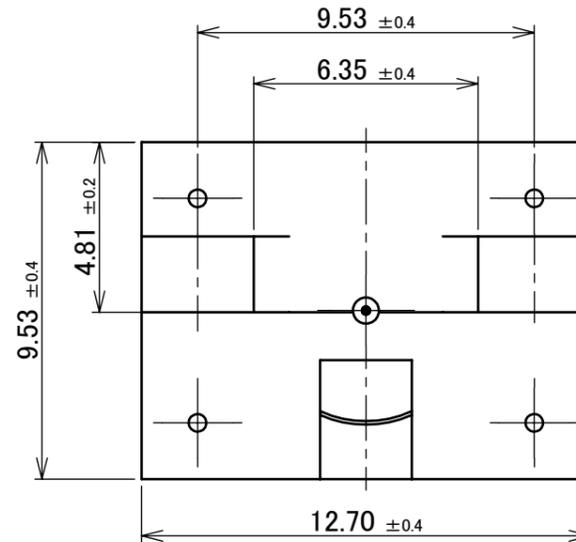
BODY-2



PCB LAYOUT



#1-72UNF X 1/4" L X2
0.062" HEX SOCKET

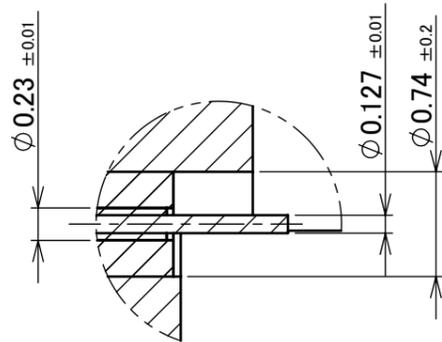


| NO. | DESCRIPTION | MATERIAL | FINISH , REMARKS |
|-----|-------------|------------------|--------------------|
| 9 | BOLT | SUS | - |
| 8 | WASHER | SUS | - |
| 7 | BODY-2 | BRASS | Ni OVER Cu |
| 6 | BOLT | SUS | - |
| 5 | WASHER | SUS | - |
| 4 | CONTACT PIN | BERYLLIUM COPPER | Au OVER Ni OVER Cu |
| 3 | INSULATOR | PTFE | WHITE |
| 2 | BODY-1 | BRASS | Ni OVER Cu |
| 1 | CONNECTOR | | - |

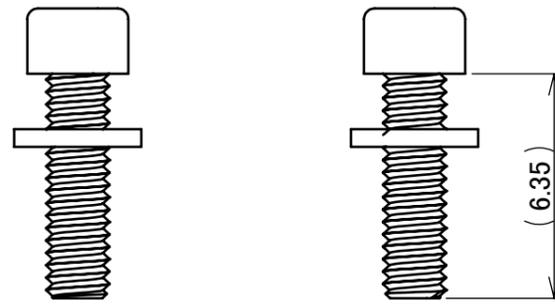
| | | | | | | | | | | | | | |
|-----------------|-----|----|------|------|--------------------|------------|----------------|------------------|------------|------------|---------------|-------|------|
| | | | | | ANGLE | ±2° | 6 OVER 30 MAX. | ±0.3 | PROJECTION | SERIES No. | CUSTOMER COPY | | |
| | | | | | | 6 MAX. | ±0.2 | 30 OVER 120 MAX. | ±0.5 | R0 | | | |
| | | | | | GENERAL TOLERANCE. | | | | TITLE | | SCALE | I-PEX | |
| | | | | | DWG. | K.Yufu | | DATE | 2021/05/07 | | 5:1 | | |
| | | | | | CHK. | - | | | | UNIT | mm | | |
| REV. | ECN | BY | DATE | APP. | APP. | M.Takemoto | | | DWG. No. | 50202 | SIZE | SHEET | REV. |
| REVISION RECORD | | | | | | | | | | | A3 | 1/3 | 1 |

Recommended P/N 50202-J001

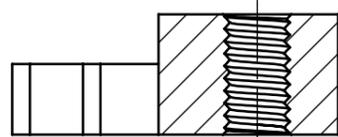
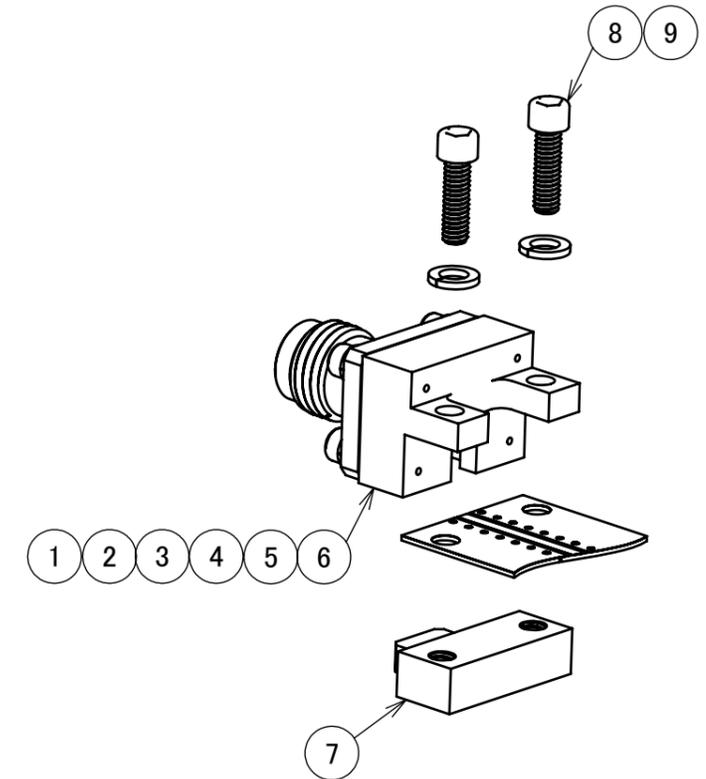
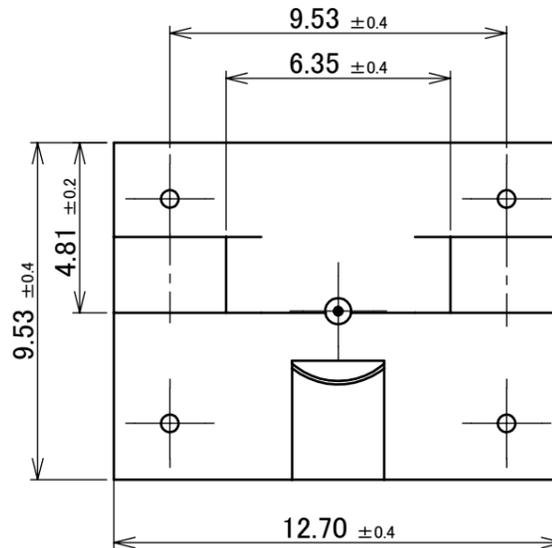
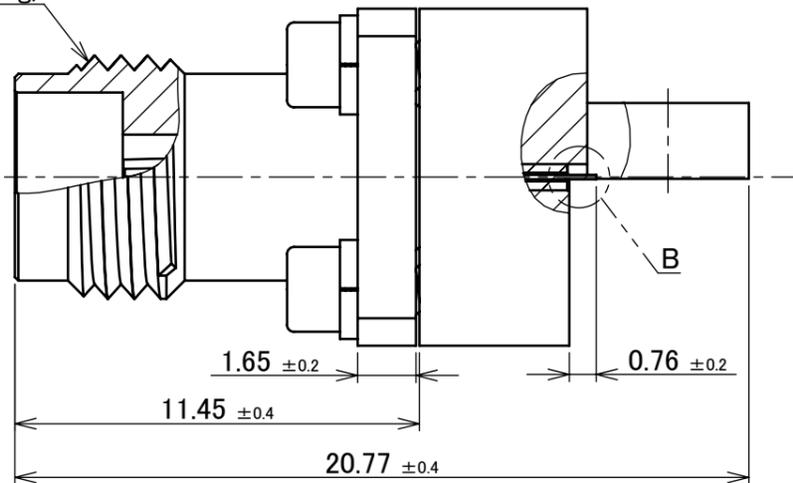
| | |
|------------------------|---------------------|
| PART NO. 50202-J001 | REMARK JACK TYPE |
|------------------------|---------------------|



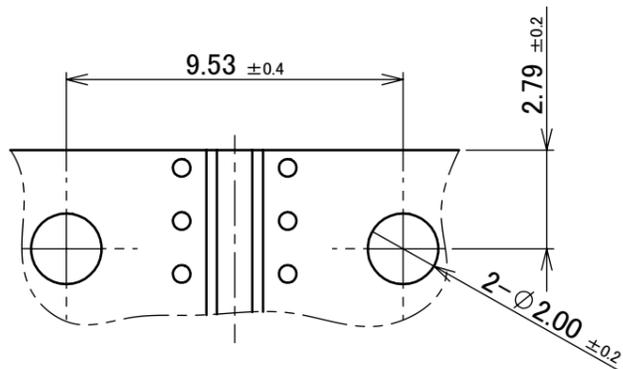
DETAIL B
(S = 20 : 1)



2.4mm JACK
(M7 × P0.5-6g)



BODY-2

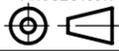


PCB LAYOUT

| NO. | DESCRIPTION | MATERIAL | FINISH , REMARKS |
|-----|-------------|------------------|--------------------|
| 9 | BOLT | SUS | - |
| 8 | WASHER | SUS | - |
| 7 | BODY-2 | BRASS | Ni OVER Cu |
| 6 | BOLT | SUS | - |
| 5 | WASHER | SUS | - |
| 4 | CONTACT PIN | BERYLLIUM COPPER | Au OVER Ni OVER Cu |
| 3 | INSULATOR | PTFE | WHITE |
| 2 | BODY-1 | BRASS | Ni OVER Cu |
| 1 | CONNECTOR | | - |

| | | | | | | | | | | | | | | | | | | | |
|---|--------|------|------------------|------|---|-----|----------------------------|------|--------------|--------|-----------|------------------|------|----------------|--|------------------|--|---------------|--|
| <table border="1"> <tr> <td>ANGLE</td> <td>±2°</td> <td>6 OVER 30 MAX.</td> <td>±0.3</td> </tr> <tr> <td></td> <td>6 MAX.</td> <td>±0.2</td> <td>30 OVER 120 MAX.</td> <td>±0.5</td> </tr> </table> | | | | | ANGLE | ±2° | 6 OVER 30 MAX. | ±0.3 | | 6 MAX. | ±0.2 | 30 OVER 120 MAX. | ±0.5 | PROJECTION | | SERIES No. R0 | | CUSTOMER COPY | |
| | | | | | ANGLE | ±2° | 6 OVER 30 MAX. | ±0.3 | | | | | | | | | | | |
| | 6 MAX. | ±0.2 | 30 OVER 120 MAX. | ±0.5 | | | | | | | | | | | | | | | |
| GENERAL TOLERANCE. DWG. DATE CHK. APP. | | | | | TITLE 2.4mm RF CONNECTOR ENDLAUNCH ADAPTER FOR PCB | | SCALE 5:1 UNIT mm | | I-PEX | | | | | | | | | | |
| REVISION RECORD REV. ECN BY DATE APP. | | | | | DWG. No. 50202 | | SIZE A3 | | SHEET 2/3 | | REV. 1 | | | | | | | | |

| ITEMS | SPECIFICATION | |
|---------------------------------|----------------------|------------|
| PART No. | 50202-0001 | 50202-J001 |
| RATING FREQUENCY | DC~50GHz | |
| VSWR | 1.5 MAX. AT DC~50GHz | |
| INNER CONTACT RESISTANCE | 6.0mohm MAX. | |
| OUTER CONTACT RESISTANCE | 2.5mohm MAX. | |
| INSULATION RESISTANCE | 5000Mohm MIN | |
| DIELECTRIC WITHSTANDING VOLTAGE | AC500V 1min | |
| DURABILITY | 500 CYCLES | |
| PRODUCT SPECIFICATION | PRS-2707 | |
| PACKING STANDARD | PST-21020 | |
| APPEARANCE CRITERIA No. | QLS-A*** | QLS-A*** |

| | | | | | | | | |
|--------------------|------|------------------|------|---|------------------|---------------|--------------|-----------|
| ANGLE | ±2° | 6 OVER 30 MAX. | ±0.3 | PROJECTION  | SERIES No. R0 | CUSTOMER COPY | | |
| 6 MAX. | ±0.2 | 30 OVER 120 MAX. | ±0.5 | | | | | |
| GENERAL TOLERANCE. | | | | TITLE 2.4mm RF CONNECTOR ENDLAUNCH ADAPTER FOR PCB | SCALE - | I-PEX | | |
| DWG. | DATE | | | | | | | |
| CHK. | | | | | | | | |
| APP. | | | | | | | | |
| | | | | DWG. No. | 50202 | SIZE A3 | SHEET 3/3 | REV. 1 |