

| Mate compatible table |      |
|-----------------------|------|
| SMA [~18GHz]          | Mate |
| 3.5mm [~26.5GHz]      |      |
| 2.92mm(K) [~40GHz]    |      |
| 2.4mm [~50GHz]        | Mate |
| 1.85mm(V) [~65GHz]    |      |

Un mate

#### ENVIRONMENTAL DATA:

1. TEMPERATURE RANGE : -65°C ~ +85°C
2. Vibration : MIL-STD-202
3. Shock : MIL-STD-202

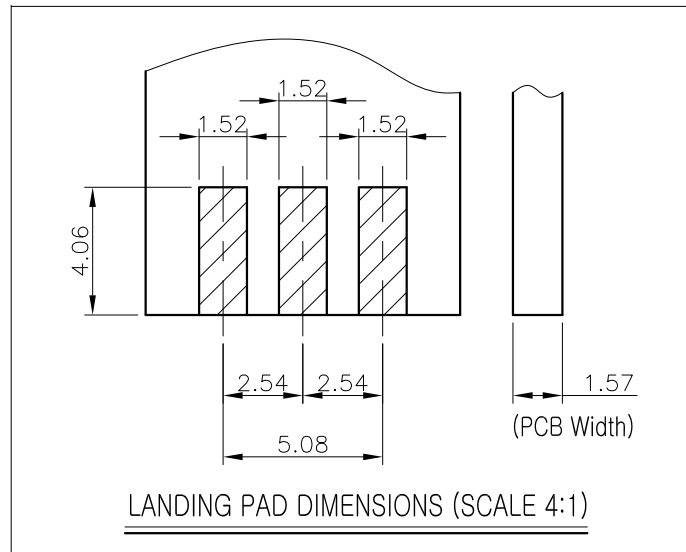
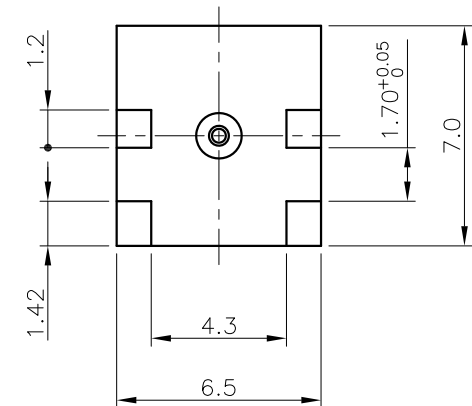
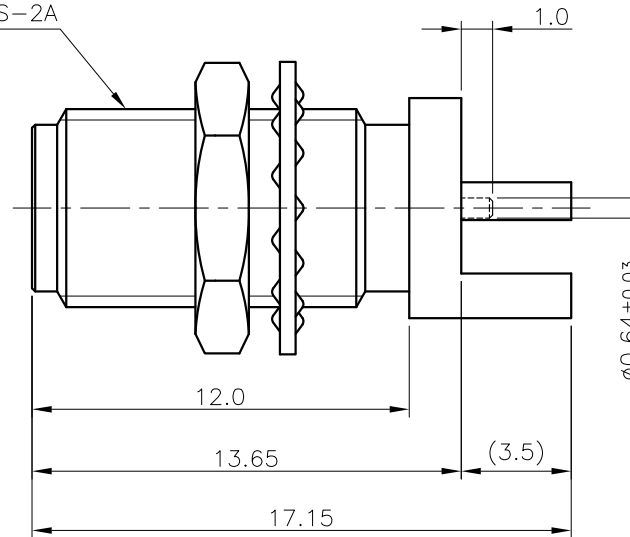
#### ELECTRICAL DATA :

1. IMPEDANCE : 50ohm
2. FREQUENCY RANGE : DC~10GHz
3. VSWR (Max) : 1.2
4. INSULATION RESISTANCE : 5000MΩ (min)
5. INTERFACE : MIL-C-39012
6. RF Leakage : -60dBm (min), 2~3GHz

#### MECHANICAL DATA :

1. RECOMMENDED COUPLING NUT TORQUE : 0.8Nm~1.1Nm
2. Durability : 500 Mating

1/4-36 UNS-2A



LANDING PAD DIMENSIONS (SCALE 4:1)

| REVISION |                      |         |         |             |
|----------|----------------------|---------|---------|-------------|
| REV      | DESCRIPTION          | DRAWN   | APPR    | DATE        |
| 1        | Initial Registration | S.Y.EUN | I.C.KIM | 2021.07.06. |
| 2        | 핀 회전 방지 널링부 추가       | S.H.KIM |         | 2022.09.27. |

| 5   | WASHER      | 1    | BsS                | Gold Plate | DWA00005-5/1                            |
|-----|-------------|------|--------------------|------------|-----------------------------------------|
| 4   | NUT         | 1    | MBsBD<br>C3604BD-F | Gold Plate | DNT00025-5/1                            |
| 3   | INSULATOR   | 1    | TEFLON             |            | DIN02928-N/1                            |
| 2   | CONTACT     | 1    | BeCu<br>C17300     | Gold Plate | DCT03864-5/B<br><del>DCT03864-5/A</del> |
| 1   | BODY        | 1    | MBsBD<br>C3604BD-F | Gold Plate | DBD04658-5/2                            |
| NO. | DESCRIPTION | Q'TY | MATERIAL           | PLATING    | CODE                                    |

|                   |                 |                       |            |                                                                                       |                                                                                                                                                                       |                        |
|-------------------|-----------------|-----------------------|------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| TOLERANCE         | Decimal<br>±0.2 | DATE<br>2022. 09. 27. |            |                                                                                       | <br>RF & MICROWAVE<br>TECHNOLOGY<br>Tel : 82-32-347-8015<br>Fax : 82-32-347-8017 |                        |
|                   | Angle<br>±1°    | APPROVED BY           |            |                                                                                       |                                                                                                                                                                       |                        |
| MATERIAL<br>_____ |                 | CHECKED BY            |            |                                                                                       | TITLE<br>2.92mm(PTFE) PCB JS-4R (edge)                                                                                                                                |                        |
|                   |                 | DRAWN BY<br>S.H.KIM   |            |                                                                                       |                                                                                                                                                                       |                        |
| FINISH<br>_____   |                 | SCALE<br>4/1          | UNIT<br>mm |  | A4                                                                                                                                                                    | DWG NO.<br>CN03920-7/4 |
|                   |                 |                       |            |                                                                                       |                                                                                                                                                                       | REVISION<br>1          |