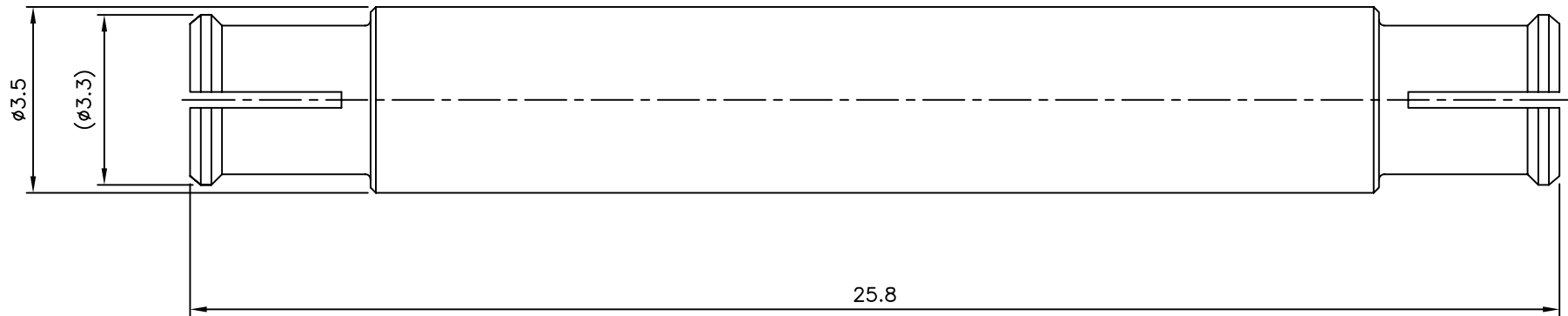


\* ELECTRICAL SPECIFICATIONS

1. Frequency Range : 9GHz~10GHz
2. Impedance : 50Ω
3. V.S.W.R (MAX) : 1.3
4. Insertion Loss (MIN) : -0.3dB

| REVISION |                                             |         |         |             |
|----------|---------------------------------------------|---------|---------|-------------|
| REV      | DESCRIPTION                                 | DRAWN   | APPR    | DATE        |
| IR       | Initial Registration                        | S.H.KIM |         | 2022.03.28. |
| 1        | I/L 개선으로 인한 핀 도금사양 변경 ( Gold -> Silver 1μm) | S.Y.EUN | S.H.KIM | 2022.05.31. |



■ MATING 검사 진행

SMP Female

SMP Male

(Full detent)

(Limited detent)

(Smooth bore)

(Catcher mit)

### ■ SMP Female ↔ Male KJ 제품Code

| SMP Female | SMP Male<br>(Full detent) | SMP Male<br>(Limited detent) | SMP Male<br>(Smooth bore) | SMP Male<br>(Catcher mit) |
|------------|---------------------------|------------------------------|---------------------------|---------------------------|
| CN03997    | AD00722                   | CN03734                      | AD00715                   | -                         |

### ■ Frequency range : DC ~ 40GHz

|                     |                                                |
|---------------------|------------------------------------------------|
| Engagement force    | Full detent : ≤ 66.75N (=6.81kgf)              |
|                     | Limited detent : ≤ 44.5N (4.54kgf)             |
|                     | Smooth bore, Catchers mitt : ≤ 8.9N (=0.90kgf) |
| Disengagement force | Full detent : ≥ 22.25N (2.27kgf)               |
|                     | Limited detent : ≥ 8.9N (=0.90kgf)             |
|                     | Smooth bore, Catchers mitt : ≥ 2.2N (=0.22kgf) |

|             |             |               |             |                                |              |
|-------------|-------------|---------------|-------------|--------------------------------|--------------|
| 3           | INSULATOR   | 2             | TEFLON      |                                | DIN03289-N/1 |
| 2           | CONTACT     | 1             | BeCu C17300 | Silver Plate(1μm)              | DAC03398-5/2 |
| 1           | BODY        | 1             | BeCu C17300 | Gold Plate                     | DAD00450-5/1 |
| NO.         | DESCRIPTION | Q'TY          | MATERIAL    | PLATING                        | CODE         |
| DATE        |             | 2022. 05. 31. |             | KJ COMTECH                     |              |
| APPROVED BY |             | S.H.KIM       |             | RF & MICROWAVE TECHNOLOGY      |              |
| CHECKED BY  |             |               |             | KJ COMTECH CO.,LTD.            |              |
| DRAWN BY    |             | S.Y.EUN       |             | TITLE                          |              |
| SCALE       |             | 8/1           |             | SMP50 (J) SMP50 (J) ST ADAPTOR |              |
| UNIT        |             | mm            |             | DWG NO.                        |              |
| REVISION    |             | 1             |             | AD00585-7/B                    |              |
| SHEET       |             | 1 of 1        |             |                                |              |