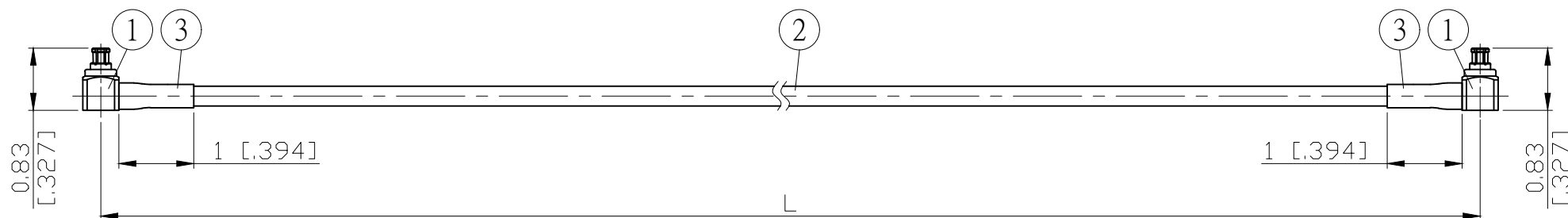


| NO. | COMPONENTS | IMPEDANCE |
|-----|-------------------------|-----------|
| 1 | SMPM FEMALE RIGHT ANGLE | 50 OHM |
| 2 | 5002 | 50 OHM |
| 3 | HEAT SHRINKING TUBE | |

| REVISION | | | |
|----------|-----------------|------------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| - | INITIAL RELEASE | 2022/04/12 | |

SMPM FEMALE
RIGHT ANGLE

SMPM FEMALE
RIGHT ANGLE



| L CM (INCH) | L1 M (MM) |
|------------------------|----------------|
| 50 (19.685) | 0.496 (496.0) |
| 100 (39.370) | 1.002 (1001.5) |
| 150 (59.055) | 1.502 (1501.5) |
| 200 (78.740) | 2.002 (2001.5) |
| Custom length in CM | - - - |

| Spec | Phase stability vs bending ⁽¹⁾ | Amplitude stability vs bending ⁽²⁾ | Max VSWR | Max IL | Flexure life cycle ⁽³⁾ |
|---------|--|--|----------|----------------------------|-----------------------------------|
| 3GHz | ±0.3° typ / ±0.5° max | ±0.005dB typ / ±0.01dB max | 1.20 : 1 | ≤ (0.0128dB/cm*Lcm)+0.15dB | ≥ 10000 |
| 6GHz | ±0.5° typ / ±0.75° max | ±0.0075dB typ / ±0.015dB max | 1.25 : 1 | ≤ (0.0189dB/cm*Lcm)+0.20dB | |
| 12.4GHz | ±0.75° typ / ±1.0° max | ±0.010dB typ / ±0.02dB max | 1.30 : 1 | ≤ (0.0293dB/cm*Lcm)+0.25dB | |
| 18GHz | ±1.0° typ / ±1.5° max | ±0.015dB typ / ±0.03dB max | 1.35 : 1 | ≤ (0.0361dB/cm*Lcm)+0.30dB | |

Notes:

- Operating Temp.: -55°C / +125°C
- Static bend radius 5.1mm
- Dynamic bend radius 30mm
- RoHS Compliant

- (1) Per IEC 60966-1, section 8.6, method 1
- (2) Per IEC 60966-1, section 8.4
- (3) Per IEC 60966-1, section 9.3

| | | | | | | | | | |
|-----|-------------------|---------------|--------------|-----|--|--------------------------|----------|---|---|
| 3 | G5(F)-4.0MM-BLACK | TUBE | 0.02 | M | LENGTH TOLERANCE IS ±1.5% OR ±10MM, WHICHEVER IS GREATER. | STANDARD | REV - | UNIT CM(INCH) | JYE BAO CO., LTD. TAIPEI TAIWAN |
| 2 | 5002 | CABLE | SEE TABLE L1 | M | | APPROVED | DATE | | |
| 1 | SMPM8300-9085 | SMPM JACK R/A | 2 | EA | | CHECKED | DATE | | |
| NO. | PARTS NO. | DESCRIPTION | Q'TY | U/M | | DRAWING <i>Albert</i> | DATE | | |
| | | | | | | DESCRIPTION | | CABLE ASSEMBLY SMPM JACK R/A TO SMPM JACK R/A | |
| | | | | | | JYE BAO DRAWING NO. | | PM89PM89-52L-18GXXX | |