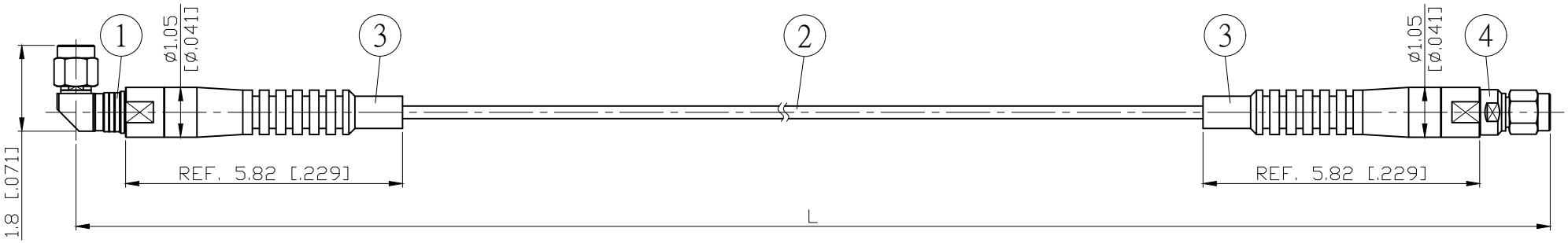
| NO. | COMPONENTS | IMPEDANCE |
|---|---|---|
| 1 | SMA MALE RIGHT ANGLE | 50 OHM |
| 2 | 5002A | 50 OHM |
| 3 | SLEEVE | |
| 4 | K MALE | 50 OHM |

| REVISION | | | |
|---|---|---|---|
| REV. | DESCRIPTON | DATE | APPROVED |
| – | INITIAL RELEASE | 2021/02/25 | |

SMA MALE
RIGHT ANGLE

K MALE




| L<br>CM (INCH) | L1<br>M (MM) |
|---|---|
| 50 (19.685) | 0.483 (482.5) |
| 100 (39.370) | 0.983 (982.5) |
| 150 (59.055) | 1.483 (1482.5) |
| 200 (78.740) | 1.983 (1982.5) |
| 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 | 1.12 : 1 | ≤ (0.0128dB/cm*Lcm)+0.15dB | ≥ 100000 |
| 6GHz | ±0.5˚ typ / ±0.75˚ max | ±0.0075dB typ / ±0.015dB max | 1.15 : 1 | ≤ (0.0189dB/cm*Lcm)+0.20dB | |
| 12.4GHz | ±0.75˚ typ / ±1.0˚ max | ±0.01dB typ / ±0.02dB max | 1.20 : 1 | ≤ (0.0293dB/cm*Lcm)+0.25dB | |
| 18GHz | ±1.0˚ typ / ±1.5˚ max | ±0.015dB typ / ±0.03dB max | 1.25 : 1 | ≤ (0.0361dB/cm*Lcm)+0.30dB | |
| 26.5GHz | ±1.5˚ typ / ±2.0˚ max | ±0.02dB typ / ±0.04dB max | 1.25 : 1 | ≤ (0.0450dB/cm*Lcm)+0.40dB | |

Notes:
1. Operating Temp.: -40˚C / +105˚C
2. Static bend radius 5.1mm
3. Dynamic bend radius 20mm
4. 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

| NO. | PARTS NO. | DESCRIPTION | Q'TY | U/M |
|---|---|---|---|---|
| 1 | U-2.92-M | K PLUG | 1 | EA |
| 3 | U-5002A | SLEEVE | 2 | EA |
| 2 | 5002A | CABLE | SEE TABLE L1 | M |
| 1 | U-SMA-M-RA | SMA PLUG R/A | 1 | EA |

LENGTH TOLERANCE IS ±1.5% OR ±10MM, WHICHEVER IS GREATER.

STANDARD | REV – | UNIT CM(INCH)

APPROVED DATE

CHECKED DATE

DRAWING *Albert* DATE

**JYE BAO CO., LTD.**
TAIPEI TAIWAN

DESCRIPTION
CABLE ASSEMBLY SMA PLUG R/A TO K PLUG

JYE BAO DRAWING NO.
A39K30-52A-26.5GXXX