



※1 PASSIVATE
 ※2 STAINLESS STEEL
 ※3 BERYLLIUM COPPER

RoHS Compliant

| NO. | DESCRIPTION | MATERIAL | Q'TY | FINISH | REMARK |
|-----|--------------|----------|------|--------|--------|
| 8 | CENTER PIN C | ※3 | 1 | Au | |
| 7 | CENTER PIN B | ※3 | 1 | Au | |
| 6 | CENTER PIN A | ※3 | 1 | Au | |
| 5 | INSULATOR | PEI | 2 | -- | |
| 4 | BUSHING C | ※2 | 2 | ※1 | |
| 3 | BUSHING B | ※2 | 2 | ※1 | |
| 2 | BUSHING A | ※2 | 1 | ※1 | |
| 1 | BODY | ※2 | 1 | ※1 | |

| | | | | | | |
|-------|------------|------------|-----------|--------------------------------|---------|-----------------------|
| SCALE | 5/1 | DRAWN | INSPECTED | APPROVED | CHECKED | PART NUMBER |
| UNIT | mm | 井出 | 檜澤 | 山本 | 三村 | 1,85-LA-JJ |
| DATE | 2024.05.31 | PROJECTION | | 株式会社 トーコン TO-CONN CO., LTD. | | DRAWING NO. V-1046388 |

PRODUCT SPECIFICATIONS

Part number: 1.85-LA-JJ

No. 1042571

Drawing number: V-1046388

Nominal 1 Standard IEC 61169-32
 2 Voltage rating AC 160V
 3 Rated frequency 67GHz
 4 Impedance 50Ω
 5 Operating temprure range -55°C~+105°C



| | | Test Items | Test Method/Value | Remarks |
|---|--|--|--|--|
| 1 | E L E C T R I C A L | Insulation resistance | 5000MΩ(Min.) at DC 500V | |
| 2 | | Withstanding voltage | 1 minute at AC 500V | |
| 3 | | Contact resistance | Inner conductor : 4.0mΩ(Max.) Outer conductor : 2.5mΩ(Max.) | |
| 4 | | VSWR | DC~67GHz : 1.4(Max.) | |
| 5 | M E C H A N I C A L | Compatibility | No defects or abnormalities | Connecting with a standard-compliant connector |
| 6 | | Tensile strength of coupling mechanism | 447N | At axial tensile force |
| 7 | | Center contact retaining force | 0.25N(Min.) | With a standard pin gauge |
| 8 | | Coupling torque | 0.8~1.1N·m | |
| | O T H E R S | | | |
| | | | | |

※The structural shape is shown in the attached drawing (Drawing number:V-1046388)

| | REVISIONS | DATE |
|---|-----------|------|
| 1 | | |
| 2 | | |
| 3 | | |

| Checked | Approved | Inspected | Prepared |
|-------------------|-------------------|-------------------|-------------------|
| 24.05.31 村 | 24.05.31 本 | 24.05.31 澤 | 24.05.31 出 |

GKQM-24