



* BERYLLIUM COPPER

| NO. | DESCRIPTION | MATERIAL | Q'TY | FINISH | REMARK |
|-----|------------------|----------|------|--------|--------|
| 12 | BUSHING | BRASS | 1 | Ni | |
| 11 | INSULATOR A | PTFE | 1 | -- | |
| 10 | OUTER CONTACT | BRASS | 1 | Au | |
| 9 | BODY | BRASS | 1 | Ni | |
| 8 | INSULATOR C | PTFE | 1 | -- | |
| 7 | FLAT WASHER | BRASS | 1 | Ni | |
| 6 | WAVE WASHER | SK5 | 2 | Ni | |
| 5 | HALF FLAT WASHER | BRASS | 2 | Ni | |
| 4 | GASKET | SILICONE | 1 | -- | |
| 3 | INSULATOR B | PTFE | 1 | -- | |
| 2 | CENTER PIN | * | 1 | Au | |
| 1 | SHELL | BRASS | 1 | Ni | |

RoHS Compliant [Cd ≤75ppm]
 REMARKS BRASS: Cd ≤75ppm
 PHOSPHOR BRONZE: Pb <4wt%

| | | | | | | |
|-------|------------|---------------------|---------------------|---------------------|---------------------|-----------------------|
| SCALE | 3/1 | DRAWN | INSPECTED | APPROVED | CHECKED | PART NUMBER |
| UNIT | mm | 上 '24.05.20 領 | 檜 '24.05.20 澤 | 山 '24.05.20 本 | 三 '24.05.20 村 | BNCP-TRBJ1 |
| DATE | 2024.05.20 | | | | | DRAWING NO. K-1046467 |

PRODUCT SPECIFICATIONS

Part number: BNCP-TRBJ1 No. 0642686
 Drawing number: K-1046467
 Nominal 1 Standard MIL-C-39012(BNC)
 MIL-PRF-49142(TRB)
 2 Voltage rating AC 500V
 3 Impedance Mismatch
 4 Operating temperature range -40°C~+85°C
 5 Operating humidity range 95%(Max.) ※No condensation



| Test Items | | Test Method/Value | Remarks |
|---|--|--|--|
| 1 E L E C T R I C A L | Insulation resistance | 1000MΩ(Min.) at DC 250V | |
| | Withstanding voltage | 1 minute at AC 500V | |
| | Contact resistance | Inner conductor : 3mΩ(Max.) Intermediate conductor : 0.5mΩ (Max.)(TRB) Outer conductor : 1mΩ(Max.)(TRB) Outer conductor : 3mΩ(Max.)(BNC) | |
| 4 M E C H A N I C A L | Compatibility | No defects or abnormalities | Connecting with a standard-compliant connector |
| | Tensile strength of coupling mechanism | 250N(BNC) 444.82N(TRB) | At axial tensile force |
| | Center contact retaining force | 0.56N(Min.)(TRB) | With a standard pin gauge |
| O T H E R S | | | |
| | | | |

※The structural shape is shown in the attached drawing (Drawing number:K-1046467)

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

| Checked | Approved | Inspected | Prepared |
|------------------------|------------------------|------------------------|------------------------|
| 三 24.07.17 村 | 新 24.07.17 井 | 石 24.07.17 川 | 井 24.07.17 出 |

GKQM-24