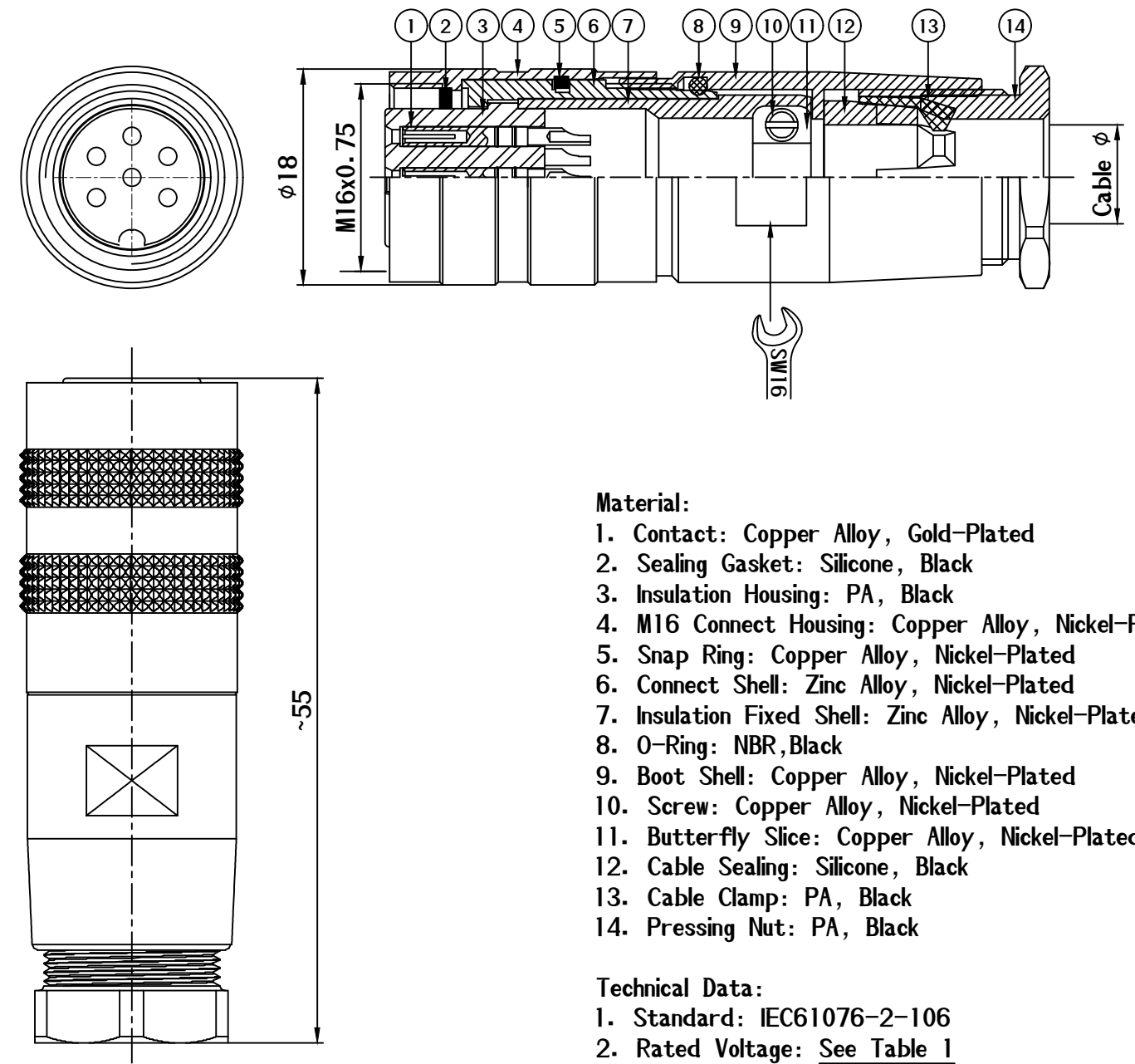


| REV | ECN NO | DESCRIPTION | DATE | APPROVED |
|-----|--------|--------------|------------|----------|
| AA | - | NEW RELEASED | 2020.03.25 | CLARA |

Connector Table 1

| Bomcan Connector Part Number | Coding & Pins | Socket Pin out | Contact Size(mm) | Rated Voltage | Rated Current | Impulse Voltage | Applicable Cable OD |
|------------------------------|------------------|----------------|------------------|---------------|---------------|-----------------|---------------------|
| M16A03PM01ST | A Code 3 Pin | | 1.5 | 250V/DC | 5A | 1500V/DC | PG7 |
| M16A03PM02ST | | | | | | | PG9 |
| M16A04PM01ST | A Code 4 Pin | | 1.5 | 250V/DC | 5A | 1500V/DC | PG7 |
| M16A04PM02ST | | | | | | | PG9 |
| M16A05PM01ST | A Code 5 Pin | | 1.5 | 250V/DC | 5A | 1500V/DC | PG7 |
| M16A05PM02ST | | | | | | | PG9 |
| M16B05PM01ST | B Code 5 Pin | | 1.5 | 60V/DC | 5A | 1500V/DC | PG7 |
| M16B05PM02ST | | | | | | | PG9 |
| M16A06PM01ST | A Code 6 Pin | | 1.5 | 250V/DC | 5A | 800V/DC | PG7 |
| M16A06PM02ST | | | | | | | PG9 |
| M16A07PM01ST | A Code 7 Pin | | 1.5 | 125V/DC | 5A | 800V/DC | PG7 |
| M16A07PM02ST | | | | | | | PG9 |
| M16B07PM01ST | B Code 7 Pin | | 1.5 | 60V/DC | 5A | 800V/DC | PG7 |
| M16B07PM02ST | | | | | | | PG9 |
| M16A08PM01ST | A Code 8 Pin | | 1.5 | 60V/DC | 5A | 800V/DC | PG7 |
| M16A08PM02ST | | | | | | | PG9 |
| M16A12PM01ST | A Code 12 Pin | | 1.0 | 60V/DC | 3A | 800V/DC | PG7 |
| M16A12PM02ST | | | | | | | PG9 |
| M16A14PM01ST | A Code 14 Pin | | 1.0 | 60V/DC | 3A | 800V/DC | PG7 |
| M16A14PM02ST | | | | | | | PG9 |
| M16B14PM01ST | B Code 14 Pin | | 1.0 | 60V/DC | 3A | 800V/DC | PG7 |
| M16B14PM02ST | | | | | | | PG9 |
| M16A16PM01ST | A Code 16 Pin | | 1.0 | 60V/DC | 3A | 800V/DC | PG7 |
| M16A16PM02ST | | | | | | | PG9 |
| M16A19PM01ST | A Code 19 Pin | | 1.0 | 60V/DC | 3A | 800V/DC | PG7 |
| M16A19PM02ST | | | | | | | PG9 |
| M16A24PM01ST | A Code 24 Pin | | 0.5 | 60V/DC | 1A | 500V/DC | PG7 |
| M16A24PM02ST | | | | | | | PG9 |

View A
See Table 1



Material:

1. Contact: Copper Alloy, Gold-Plated
2. Sealing Gasket: Silicone, Black
3. Insulation Housing: PA, Black
4. M16 Connect Housing: Copper Alloy, Nickel-Plated
5. Snap Ring: Copper Alloy, Nickel-Plated
6. Connect Shell: Zinc Alloy, Nickel-Plated
7. Insulation Fixed Shell: Zinc Alloy, Nickel-Plated
8. O-Ring: NBR, Black
9. Boot Shell: Copper Alloy, Nickel-Plated
10. Screw: Copper Alloy, Nickel-Plated
11. Butterfly Slice: Copper Alloy, Nickel-Plated
12. Cable Sealing: Silicone, Black
13. Cable Clamp: PA, Black
14. Pressing Nut: PA, Black

Technical Data:

1. Standard: IEC61076-2-106
2. Rated Voltage: See Table 1
3. Rated Current: See Table 1
4. Rated Temperature: -40°C~+80°C
5. Durability: ≥500 Times Cycles
6. Protection Degree: IP67 (Correct locking state)

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| UNMARKED TOLERANCES | |
|---------------------|------------------|
| DIMENSIONS | TOLERANCE |
| x. | ±1.0 |
| x.x | ±0.5 |
| x.xx | ±0.25 |
| 0 to 500 | +15 / -0 |
| < 501 | +3%/-0 of length |
| ANGLES | |
| x° | ±1° |



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| | | | | |
|-------------|---|----------------|--------------|------------------------|
| DESCRIPTION | M16 CONNECTOR SOCKET FIELD INSTALLATION METAL SHIELD STRAIGHT | | | |
| DWG NO | M16XXXSMXXST | BOMCAN PART No | M16XXXSMXXST | |
| DRAWN BY | CLARA 2020.03.25 | CUSTOMER P/N | - | |
| CHECKED BY | CALEB 2020.03.25 | SIZE: A3 | SHEET | UNIT |
| APPROVED BY | BILL 2020.03.25 | REV: AA | 1 of 1 | mm |
| | | SCALE | Free | Third angle projection |

A3