

| REV. | DESCRIPTION     | DRAWN | DATE       |
|------|-----------------|-------|------------|
| 1    | INITIAL RELEASE | FROS  | 2025/04/10 |

**SPECIFICATION:** (IEC 63171-6 Edition 2.0)

- ELECTRICAL**
  - Current Rating: Pin 1&2 4A, Pin 3&4 8A
  - Voltage Rating: 60VDC
  - Contact Resistance: 20mΩ max.
  - Shell Resistance: 100mΩ max.
  - Insulation Resistance: 500MΩ
  - Voltage Proof: 1000VDC (contact to contact), 2250VDC (contact to ground)

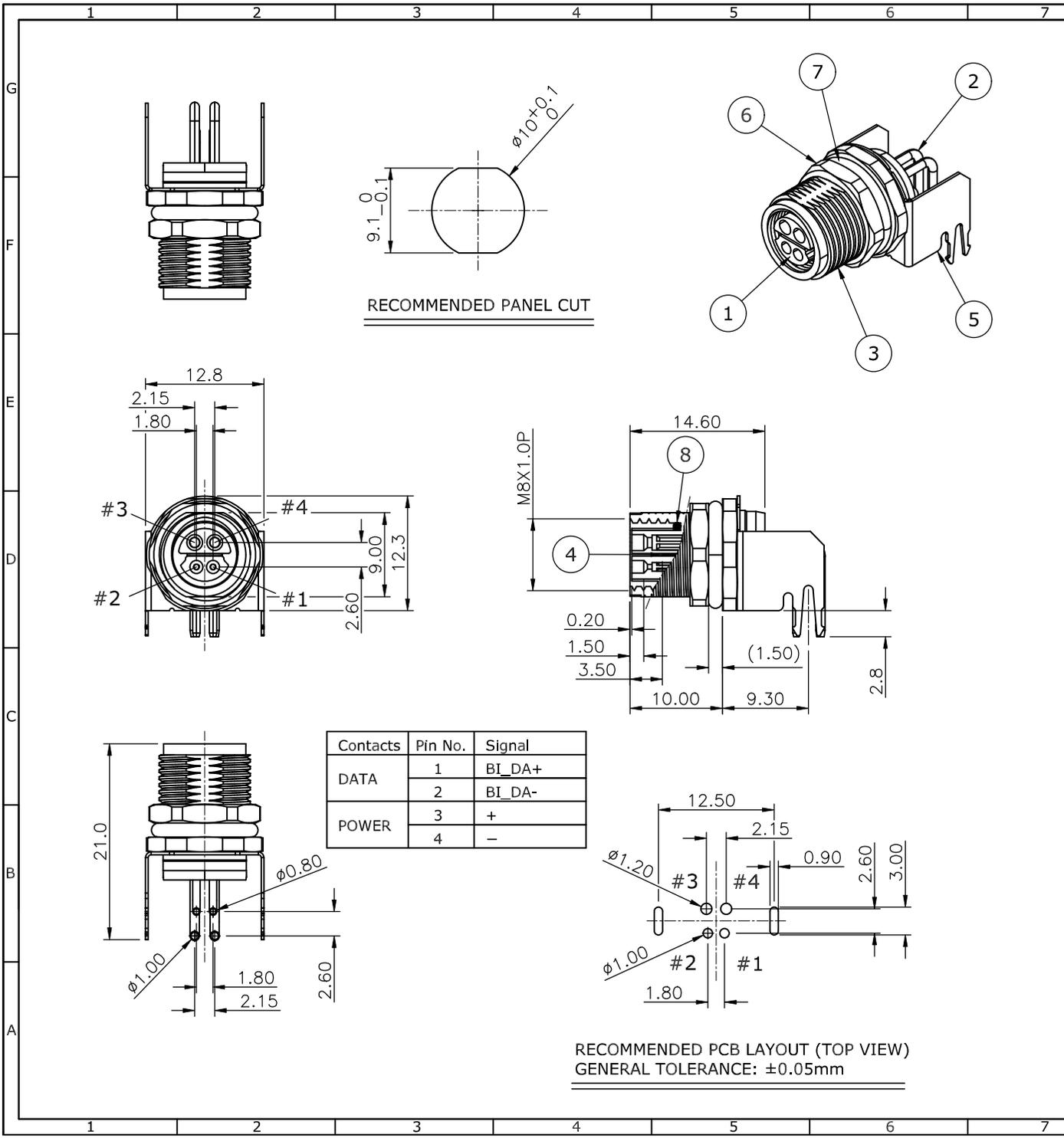
- MECHANICAL**
  - Durability: 100 Cycle
  - Insertion Force: 50N max.
  - Pull Out Force: 50N max.

- ENVIRONMENTAL**
  - Operating temperature range: -40°C~+85°C
  - Storage temperature range: -40°C~+85°C

- SOLDER ABILITY**
  - Recommended IR Reflow(Wave Soldering) Temperature: 260°C

|   |         |                                 |
|---|---------|---------------------------------|
| 8 | ORING-2 | Silicone                        |
| 7 | ORING-1 | Silicone                        |
| 6 | NUT     | Brass, nickel plating           |
| 5 | GROUND  | Phosphor Bronze, nickel plating |
| 4 | SHIELD  | Phosphor Bronze, nickel plating |
| 3 | SHELL   | Brass, nickel plating           |
| 2 | CONTACT | Brass, 30u" gold plating        |
| 1 | HOUSING | LCP, UL94V-0, Black             |

| NO.                                  | PART NAME | DESCRIPTION |  |
|--------------------------------------|-----------|-------------|--|
| UNLESS OTHERWISE SPECIFIED TOLERANCE |           |             |  |
| UNIT:                                | DECIMAL   | LINEAR      | ANGLES   |
| mm                                   | X.        | ±0.50       | ±5°  |
|                                      | X.X       | ±0.25       | ±3°  |
|                                      | X.XX      | ±0.12       | ±1°  |
| www.attend.com.tw                    |           |             |  |
| DRAWN                                | Fros      | 2023/12/27  | DRAWN NAME:<br>SPE M8 4 Pin Hybrid Jack,<br>R/A IP67, w/GND, 30u" 8A |
| CHECKED                              | Tim       | 2023/12/27  |  |
| APPROVED                             | Ken       | 2023/12/27  | PRODUCT NO. 229B-04FR01  |
| SCALE                                | SHEET     | SIZE        | FILE NAME  |
| 1.6                                  | 1/1       | A4          | 229B-04FR01_B_1  |



| Contacts | Pin No. | Signal |
|----------|---------|--------|
| DATA     | 1       | BI_DA+ |
|          | 2       | BI_DA- |
| POWER    | 3       | +      |
|          | 4       | -      |

**RECOMMENDED PCB LAYOUT (TOP VIEW)**  
**GENERAL TOLERANCE: ±0.05mm**