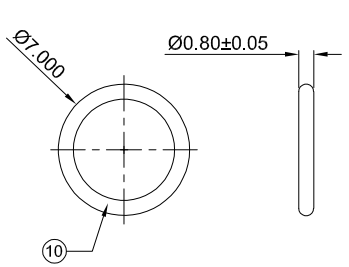
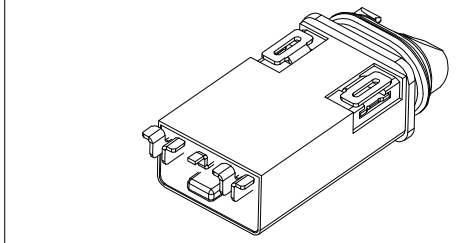


4 POLE PLUG CONTACT DETAILS
SECTION A-A

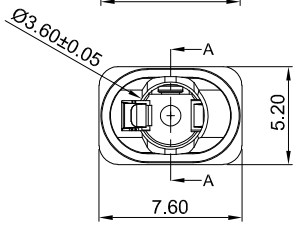


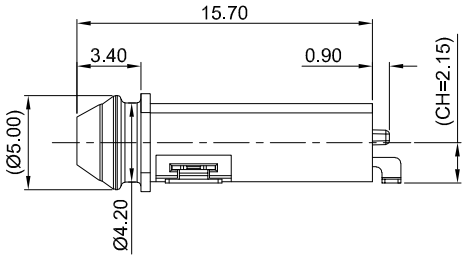
Ring Model Code:PJ-3R005A-1
RING

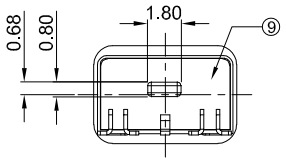


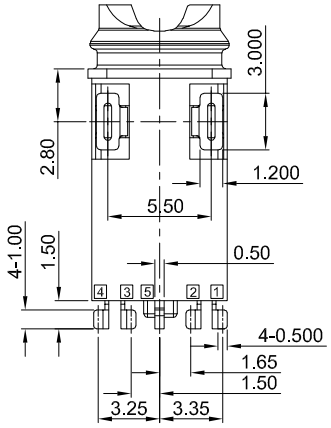
PJ-3 R 005 A-4 N G S 01

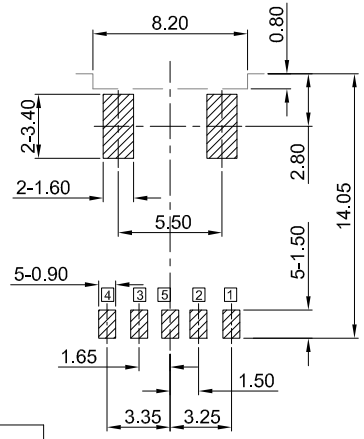
- **Type** PJ=Phone Jack
- **Specification** 3=Ø3.5mm
- **Angle** R=90°
- **Serial Code**
- **Detail**
- **Number Of Contacts** 4=TRRS
- **Housing Colour** N=Black
- **Contact Plated** G=Gold
- **Termipoint** S=SMT
- **Other**



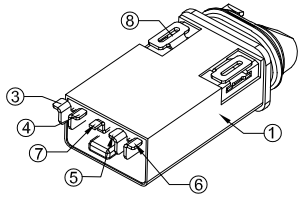


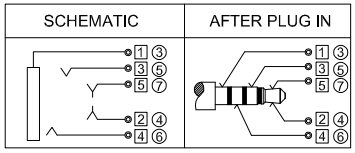






PCB REFERENCE DIAGRAM
TOLERANCE:±0.05





□ : TERMINAL NO. ○ : ITEM NO.

CIRCUIT DIAGRAM

G-Switch Specification:

1. Rated load: 1A
2. Insulation resistance: 100MΩ min
3. Withstand voltage: 500V AC/min
4. Contact resistance: 30mΩ max
5. Durability cycle: 10,000 Cycles
6. Insertion and extraction force: 4-20N
7. Operating temperature range: -40°C ~ +85°C
8. Waterproof grade: IPX7
9. Hardness of silicone rubber:70°

NO.	DESCRIPTION	QTY	MATERIAL	PLATED & COLOR
10	OVAL RING	1	SILICONE	BLUE
9	BOND	1	–	–
8	TERMINAL	2	C2680	Sn PLATED
7	TIP SPRING-2 [5]	1	Ti-Cu	Au1μ" PLATED
6	RING SPRING-2 [4]	1	Ti-Cu	Au1μ" PLATED
5	RING SPRING-1 [3]	1	Ti-Cu	Au1μ" PLATED
4	TIP SPRING-1 [2]	1	Ti-Cu	Au1μ" PLATED
3	EARTH SPRING [1]	1	Ti-Cu	Au1μ" PLATED
2	COVER	1	PA9T	BLACK UL 94V-0
1	HOUSING	1	PA9T	BLACK UL 94V-0



RoHS Compliant
EU RoHS Standards

SCALE: 1:1	UNIT: mm
SIZE: A4	

Unless otherwise General tolerance:

X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.10
Angles	±3°

Title: IPX7 Horizontal Ø3.5mm Phone Jack NO 7Pin L=15.70mm SMT

Model Code: PJ-3R005A-4NGS01

DRAWN	CHECKED	APPROVED	DATE
Wu	Xia	Chen	2025.09.05

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REV: A0 SHEET: 1/1