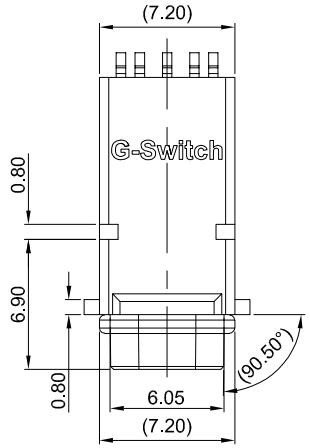
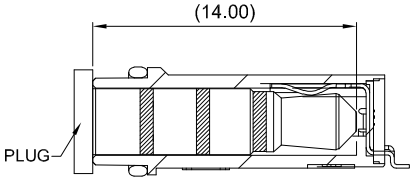
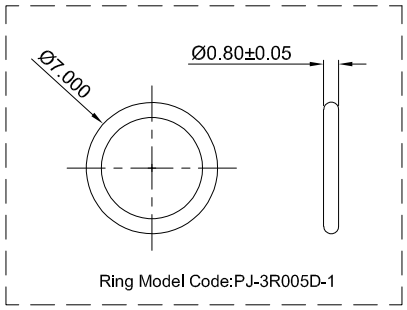
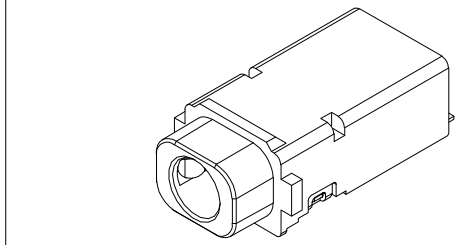




4 POLE PLUG CONTACT DETAILS
SECTION A-A

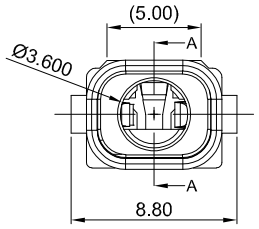


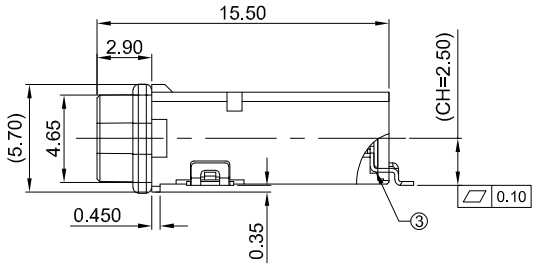
RING

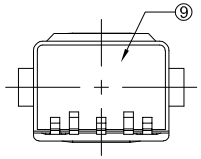


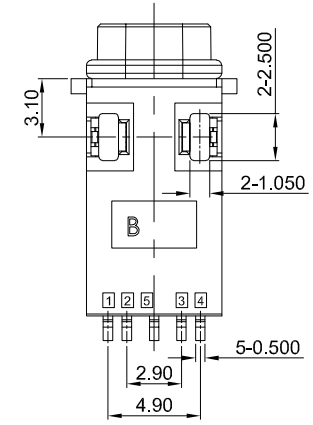
PJ-3 R 005 D-4 N G S 01

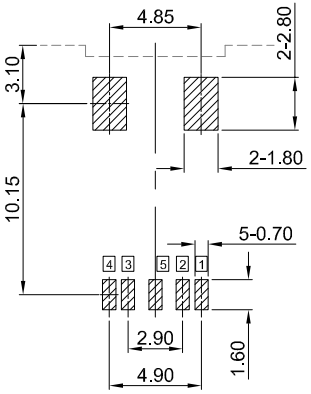
- **Type**: PJ=Phone Jack
- **Specification**: 3=Ø3.5mm
- **Angle**: R=90°
- **Serial code**
- **Detail**
- **Number Of Contacts**: 4=TRRS
- **Housing Colour**: N=Black
- **Contact Plated**: G=Gold
- **Termipoint**: S=SMT
- **Other**



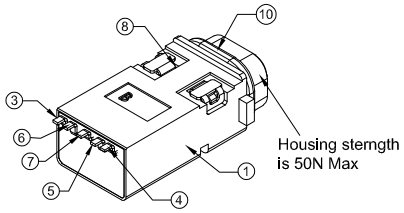


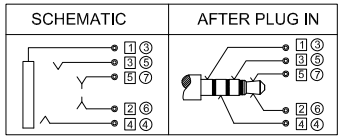






PCB REFERENCE DIAGRAM
TOLERANCE:±0.05





□ : TERMINAL NO. ○ : ITEM NO.

CIRCUIT DIAGRAM

NO.	DESCRIPTION	QTY	MATERIAL	PLATED & COLOR
10	OVAL RING	1	SILICONE	GRAY
9	BOND	1	EPOXY	--
8	TERMINAL	2	C2680	G/F PLATED
7	TIP SPRING-2 5	1	Ti-Cu	G/F PLATED
6	TIP SPRING-1 2	1	Ti-Cu	G/F PLATED
5	RING SPRING-2 3	1	Ti-Cu	G/F PLATED
4	RING SPRING-1 4	1	Ti-Cu	G/F PLATED
3	EARTH SPRING 1	1	Ti-Cu	G/F PLATED
2	COVER	1	PA9T+33%GF(GN2330)	BLACK UL 94V-0
1	HOUSING	1	PA9T+33%GF(GN2330)	BLACK UL 94V-0

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: 5,000 Cycles
6. Insertion and extraction force: 3-30N
7. Operating temperature range: -40°C ~ +85°C
8. Waterproof grade: IPX7
9. Hardness of silicone rubber:70A





RoHS Compliant
EU RoHS Standards

SCALE: 1:1	UNIT: mm	Title:	IPX7 Horizontal Ø3.5mm Phone Jack NO 7Pin L=15.50mm SMT
SIZE: A4		Model Code:	PJ-3R005D-4NGS01

Unless otherwise General tolerance:
X. ±0.40
X.x ±0.30
X.xx ±0.20
X.xxx ±0.10
Angles ±3°

DRAWN	CHECKED	APPROVED	DATE
Wu	Xia	Chen	2025.09.05

REV: A0 SHEET: 1/1

品赞科技 G-Switch www.dg-switch.com