



EARPHONE JACKS EPJ0 SERIES

■ FEATURES

- Compact design
- Accept an earphone/microphone combination with a remote transmission/reception function for successful hand-free operation
- All materials are UL 94V-0 grade fire retardant plastics

■ APPLICATIONS

- Ideal for cellular phones, PDA equipments, MP3, Handsfree appliance, Translator digital cameras, etc..

■ SPECIFICATIONS

- Contact rating: 12 VDC, 1A
- Temperature rating:
Operating temperature range: $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Storage temperature range: $-25^{\circ}\text{C} \sim +75^{\circ}\text{C}$ (below 85%RH)

1. ELECTRICAL

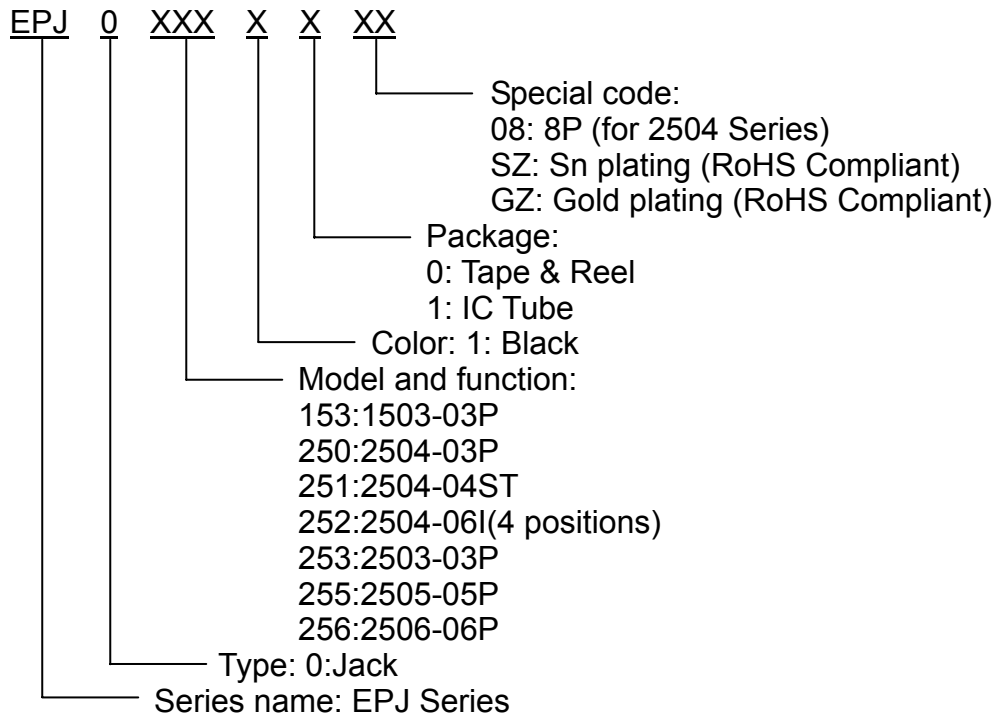
No.	Test description	Requirement	Test method
1	Insulation resistance	100M Ω min.	(1)Test voltage: 250 \pm 10VDC (2)Point: Between open contact.
2	Dielectric strength	No disruptive discharge Leakage current: 2mA max.	(1)Test voltage: 250VAC (2)Duration: 60 sec. (3)Point: Between open contact.
3	Contact resistance	Initial: 30M Ω max. After life: 100M Ω max.	(1)Test voltage: 20mV (2)Test current: 1mA

2. MECHANICAL

No.	Test description	Requirement	Test method
1	Mating/unmating force	0.3~3.0Kgf (3~30N) Max.	To measure necessary for plug and jack mating/unmating
2	Terminal strength	Any outstanding damage shall not be found. Bend of terminal is acceptable.	Test condition: 0.5kgf(5N) 10sec.
3	Contact strength	The contact strength of fix/main terminal shall be accepted.	Test condition: 50gf(0.5N) min.
4	Contact gap	To measure the gap between non-contact to plug.	0.1mm min.



■ PART NUMBERING SYSTEM



EPJ015310



EPJ025310



EPJ025010



EPJ025110



EPJ025210



EPJ025510



EPJ025610



EPJ02511008



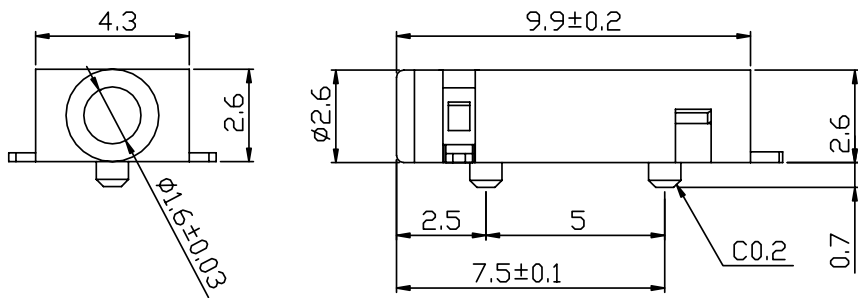
EPJ03511008



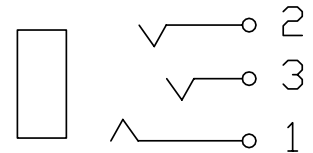


■ DIMENSIONS UNIT:mm

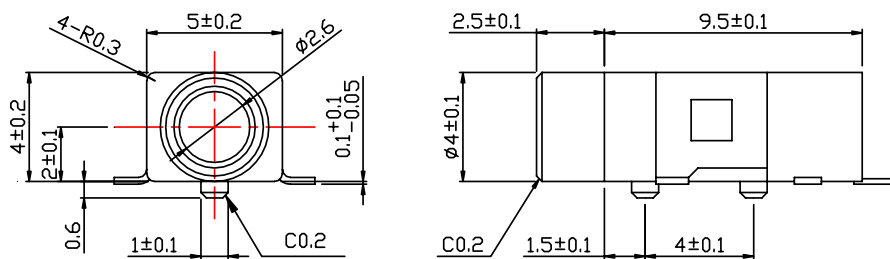
EPJ015310
 Ø1.5mm, 3 Positions



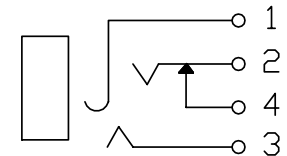
CIRCUIT DIAGRAM



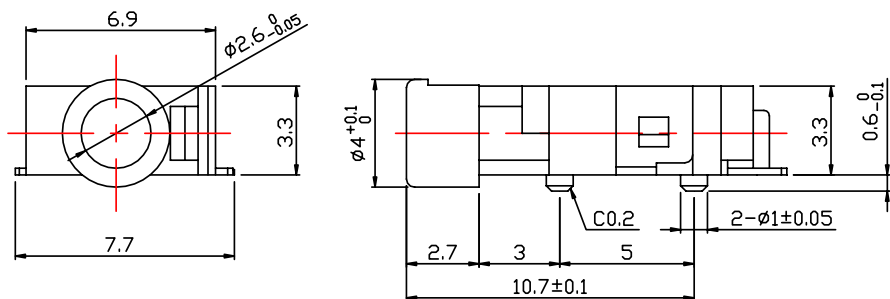
EPJ025310
 Ø2.5mm, 3 Positions



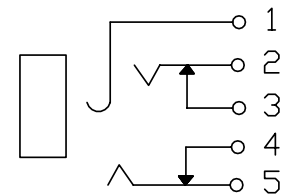
CIRCUIT DIAGRAM



EPJ025010
 Ø2.5mm, 3 Positions

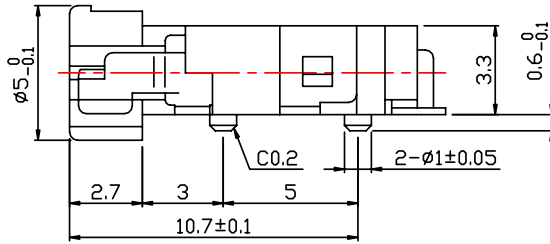
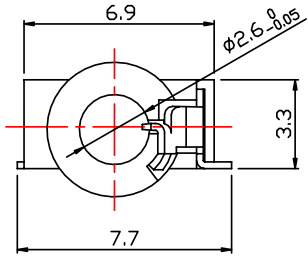


CIRCUIT DIAGRAM

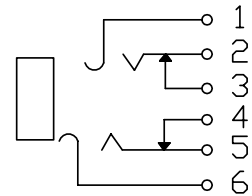




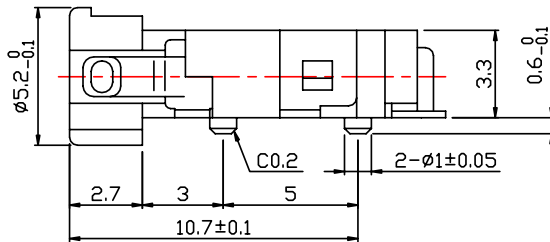
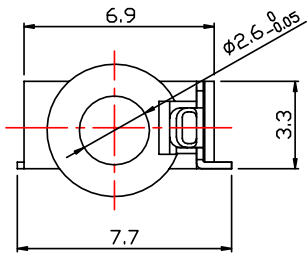
EPJ025110
 Ø2.5mm, 4 Positions



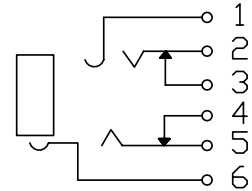
CIRCUIT DIAGRAM



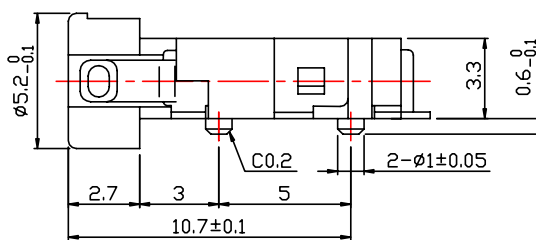
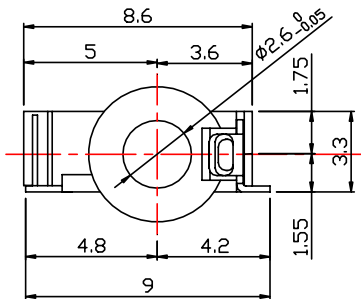
EPJ025210
 Ø2.5mm, 4 Positions



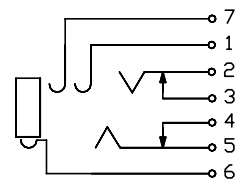
CIRCUIT DIAGRAM



EPJ025510
 Ø2.5mm, 5 Positions

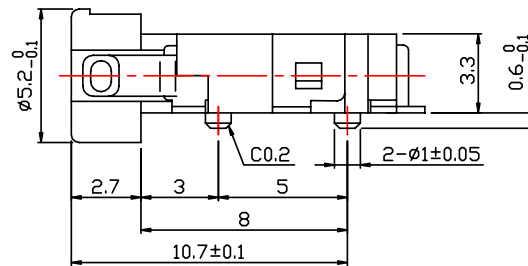
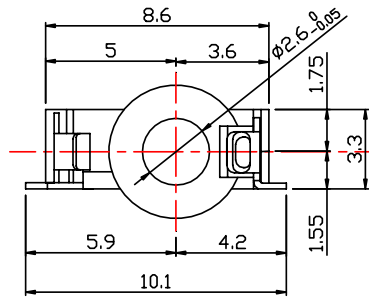


CIRCUIT DIAGRAM

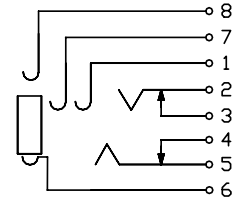




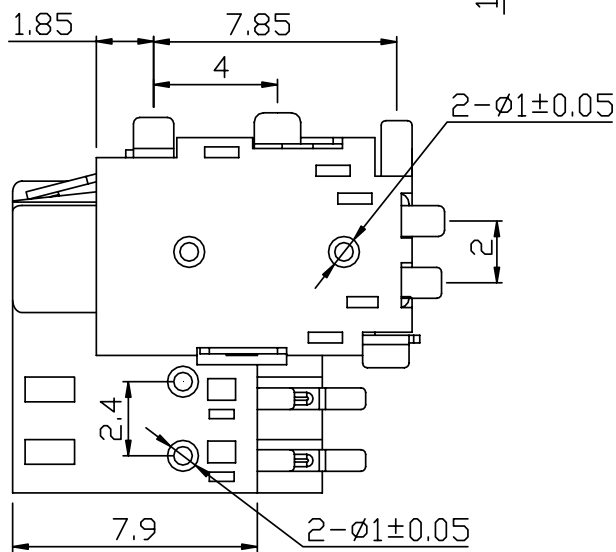
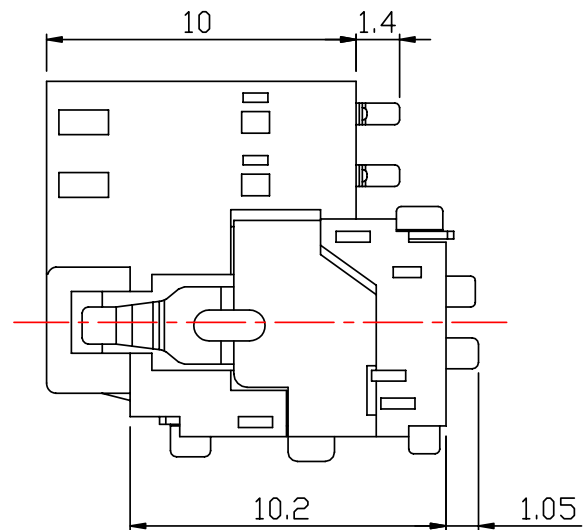
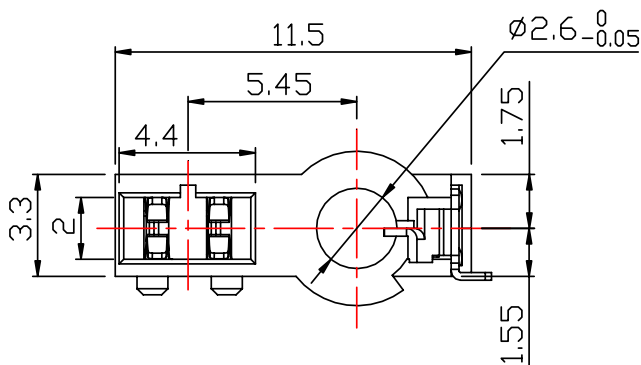
EPJ025610
 Ø2.5mm, 6 Positions



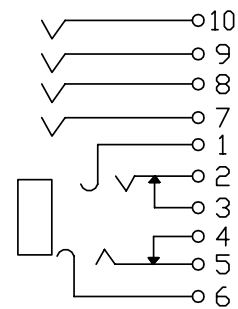
CIRCUIT DIAGRAM



EPJ02511008
 Ø2.5mm, 8 Positions

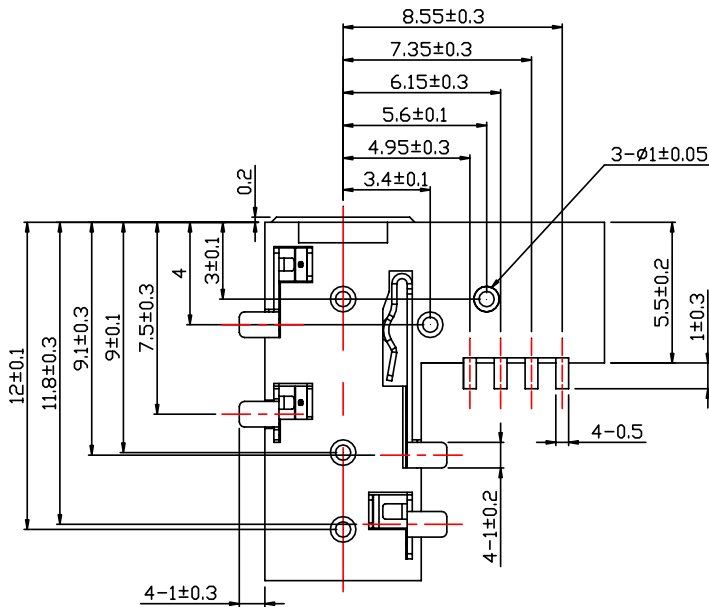
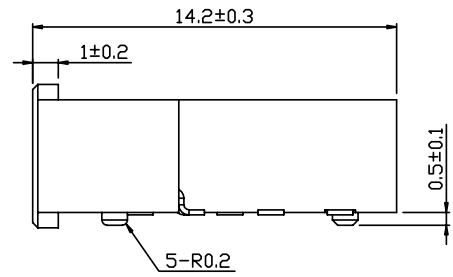
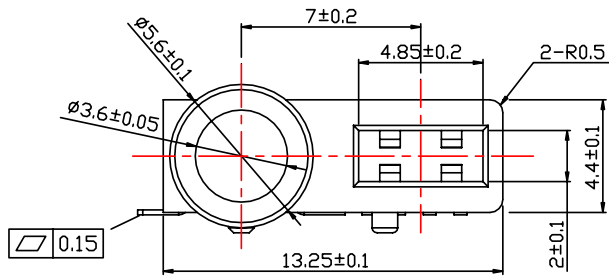


CIRCUIT DIAGRAM





EPJ03511008
 ø3.5mm, 8 Positions



CIRCUIT DIAGRAM

