

3.5mm Dia. Jacks

■ Features

1. A small $\varnothing 3.5\text{mm}$ jack that was developed for small, mobile equipment.
2. A wide selection is available including surface mounting, DIP, spring terminal, and mid mount types.

■ Specification

1. Electric Performance

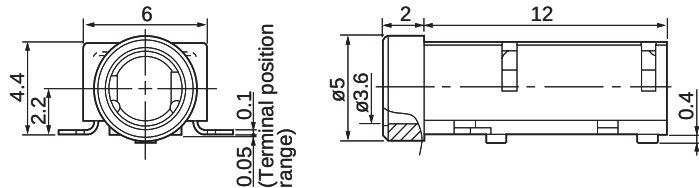
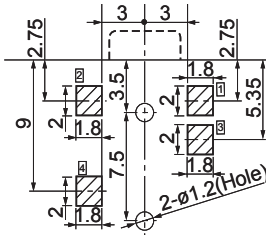
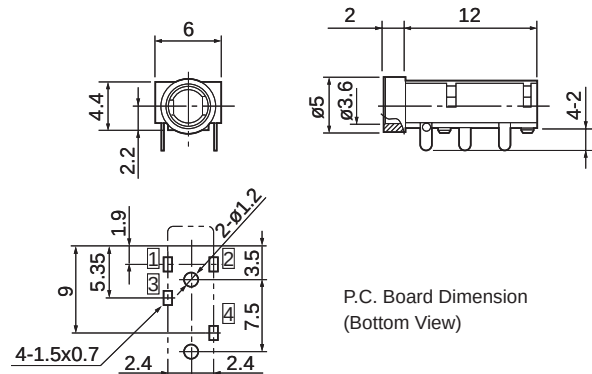
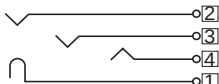
Rating	: 1A, 12V DC
Contact Resistance	: $30\text{m}\Omega$ max, $50\text{m}\Omega$ max.
Insulation Resistance	: $100\text{M}\Omega$ min. 500V DC
Withstanding Voltage	: 500V AC (for one minute)

2. Mechanical Performance

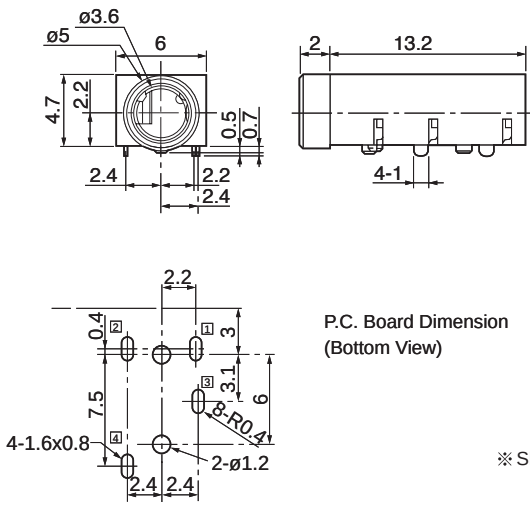
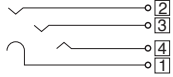
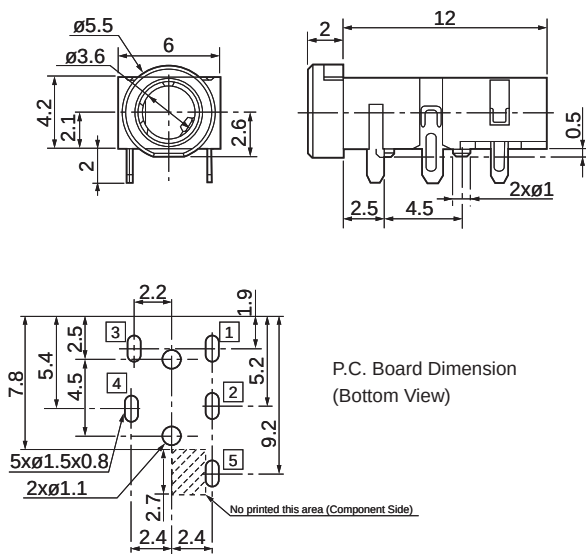
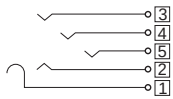
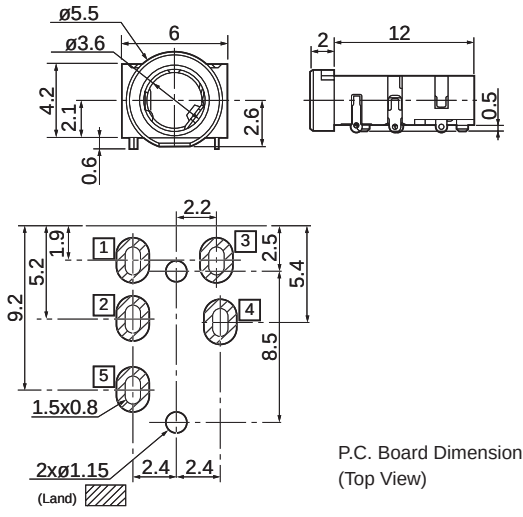
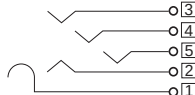
Insertion Force	: 35N max. at 3.5mm Dia. gauge
Withdrawal Force	: 3 to 35N at 3.5mm Dia. gauge

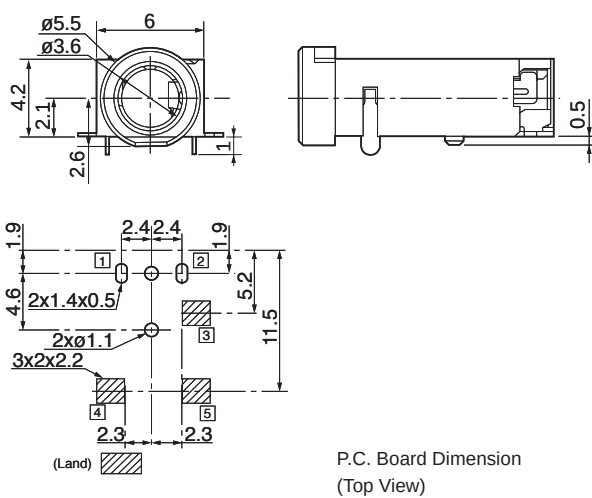
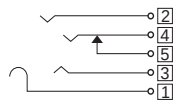
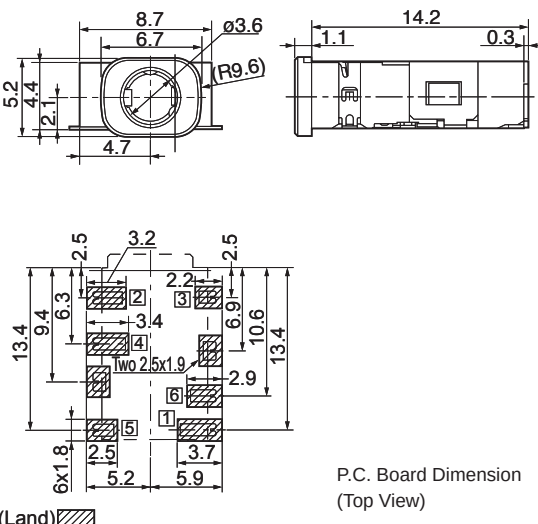
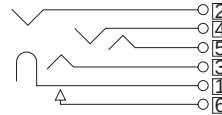
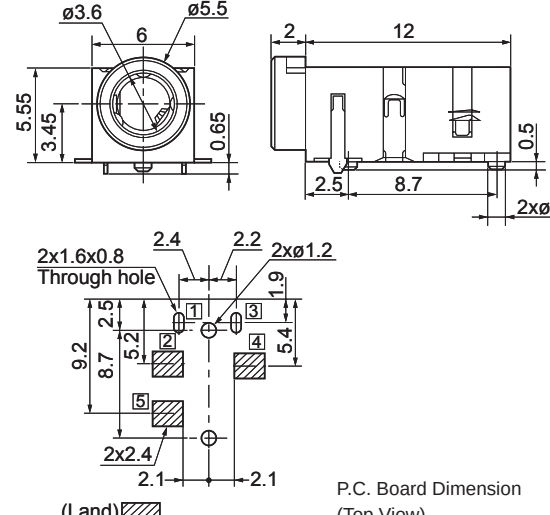
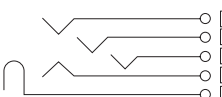
■ Application

Smart phones, mobile phones, tablet PCs, portable audio, other small AV equipment.

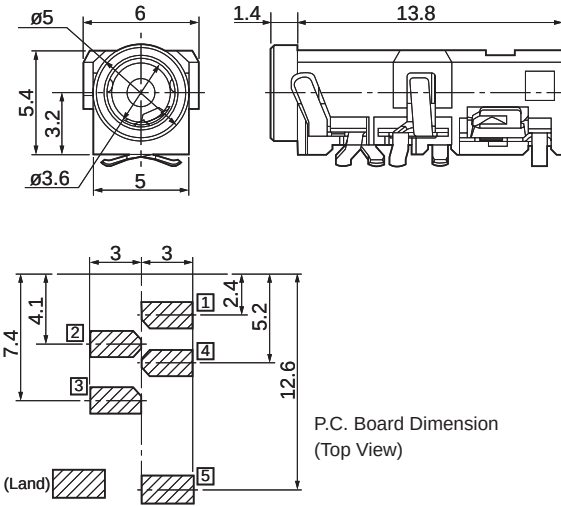
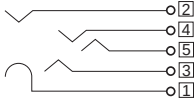
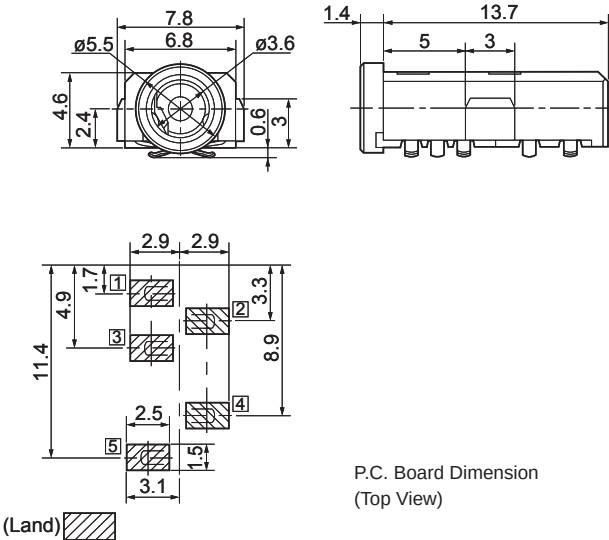
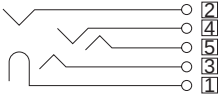
LGY22 9-0101F 	(LGY2209-0101F)  <table><tr><td> </td><td>Metal Sleeve</td></tr><tr><td>0</td><td>Without</td></tr><tr><td>1</td><td>With</td></tr></table> P.C. Board Dimension (Top View)  (500pcs/reel)		Metal Sleeve	0	Without	1	With	Circuits  Reflow Soldering
	Metal Sleeve							
0	Without							
1	With							
LGY2209-03 F 	 [t=0.8] <table><tr><td> </td><td>Housing Color</td></tr><tr><td>00</td><td>Black</td></tr><tr><td>40</td><td>Yellow</td></tr></table> P.C. Board Dimension (Bottom View)		Housing Color	00	Black	40	Yellow	Circuits  Manual Soldering
	Housing Color							
00	Black							
40	Yellow							

3.5mm Dia. Jacks

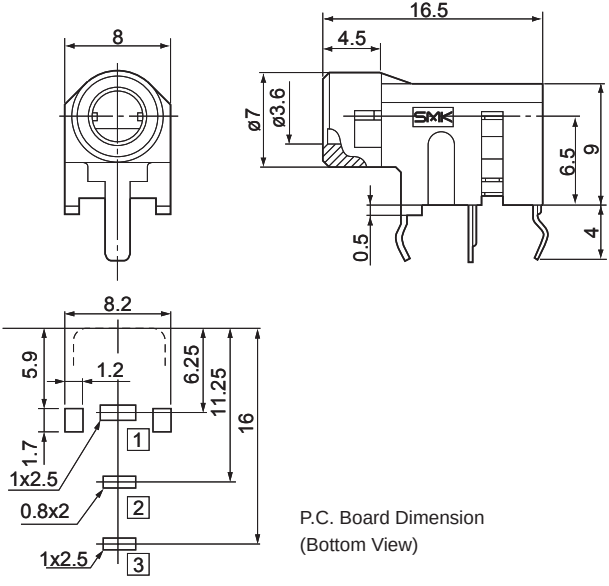
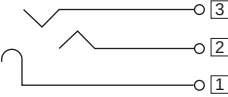
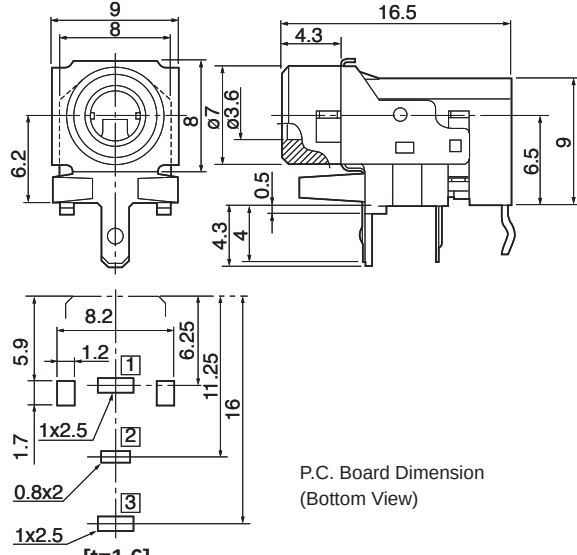
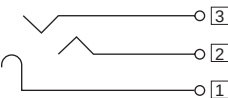
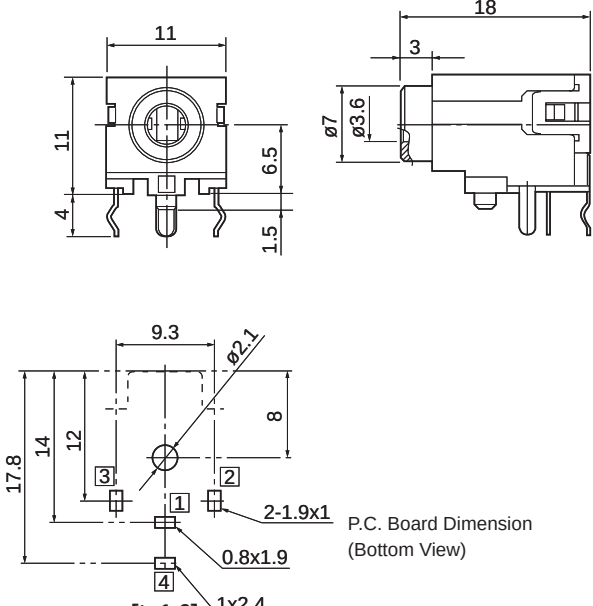
LGY2209-0800F 	 P.C. Board Dimension (Bottom View) ※ Shading Type [t=0.8]	Circuits  Reflow Soldering Manual Soldering
DIP Type	  P.C. Board Dimension (Bottom View) [t=1.0] No printed this area (Component Side)	Circuits  Manual Soldering
DIP Type	  P.C. Board Dimension (Top View) [t=0.8]	Circuits  Reflow Soldering Manual Soldering

LGY2109-3301F 	 P.C. Board Dimension (Top View) [t=0.8]	Circuits  Reflow Soldering
DIP / SMD Type		
LGY2109-1801F 	 P.C. Board Dimension (Top View) (800pcs/reel)	Circuits  Reflow Soldering
SMD Type		
LGY3509-0400F 	 P.C. Board Dimension (Top View) [t=0.7]	Circuits  Reflow Soldering
DIP / SMD Type		

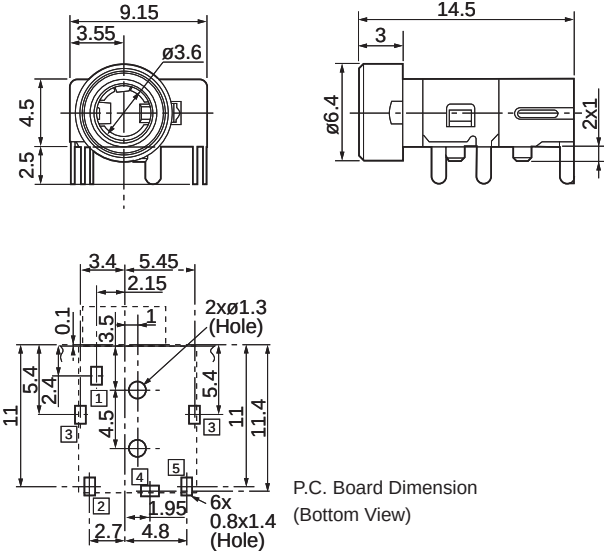
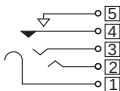
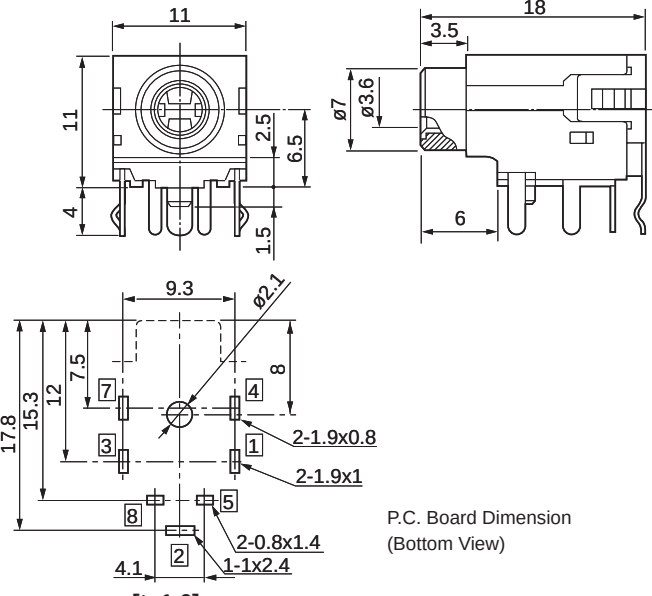
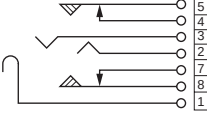
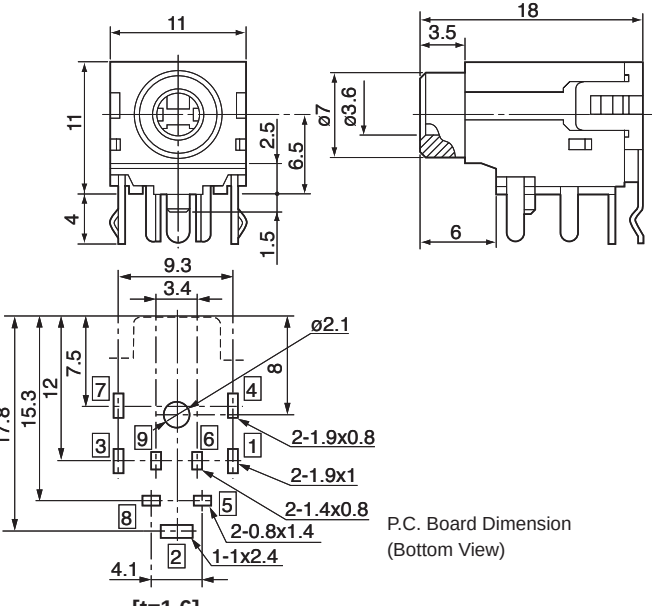
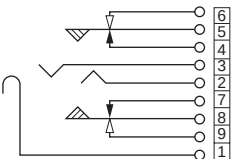
3.5mm Dia. Jacks

LGY3209-0400F		
	 P.C. Board Dimension (Top View)	Circuits 
Spring Contact Type		
LGY2409-0200F		
	 P.C. Board Dimension (Top View)	Circuits 
Spring Contact Type		

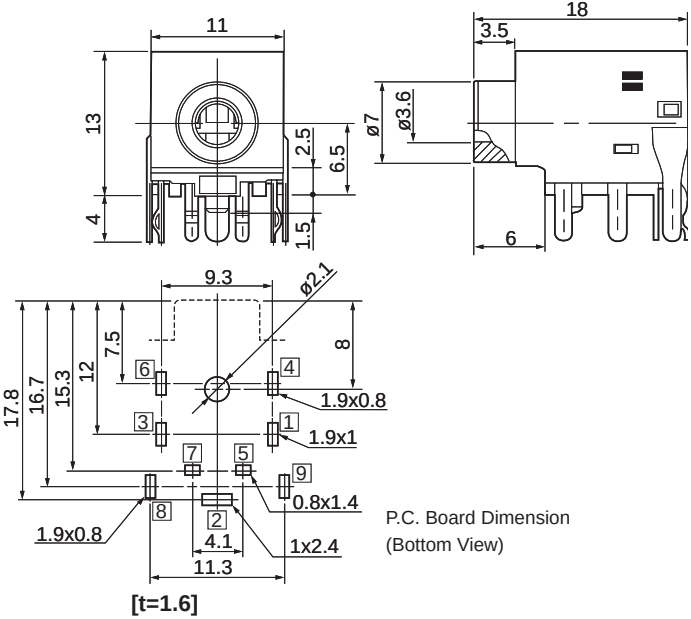
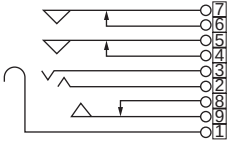
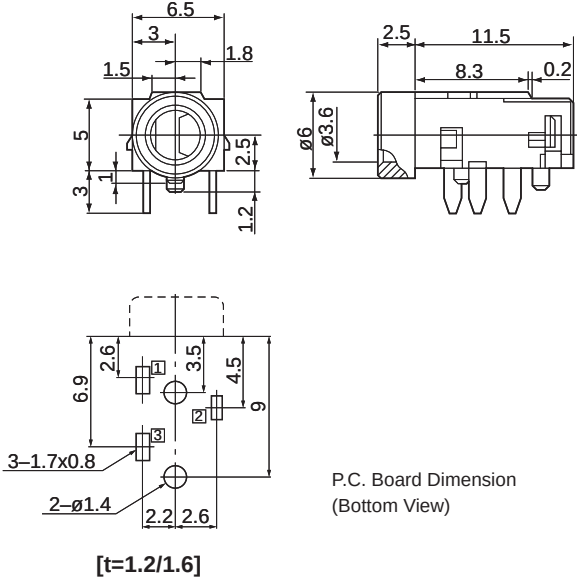
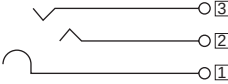
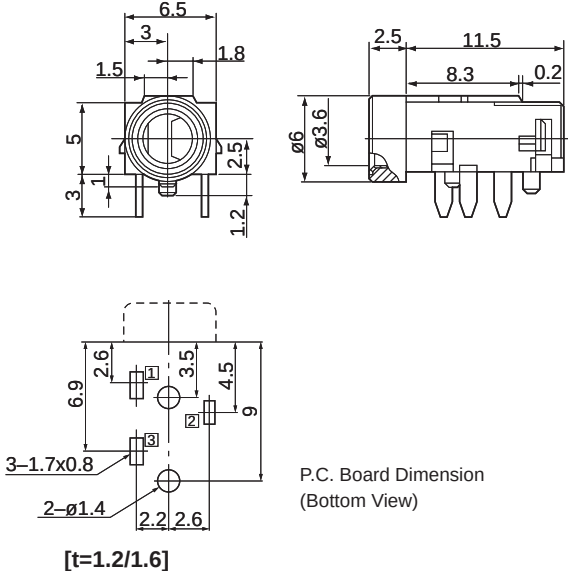
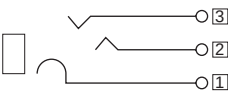
3.5mm Dia. Jacks

LGY6502-0900F 	 P.C. Board Dimension (Bottom View)	Circuits  Flow Soldering
LGY6502-0800F 	Noise-Resistant Designed (With Earth Plate)  P.C. Board Dimension (Bottom View)	Circuits  Flow Soldering
LGY6509-0100F 	 P.C. Board Dimension (Bottom View)	Circuits  Flow Soldering

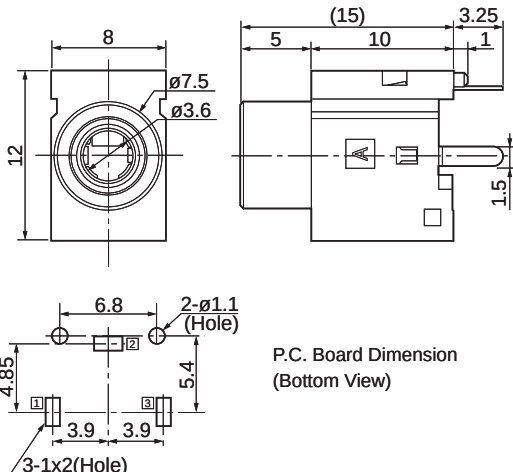
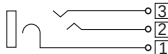
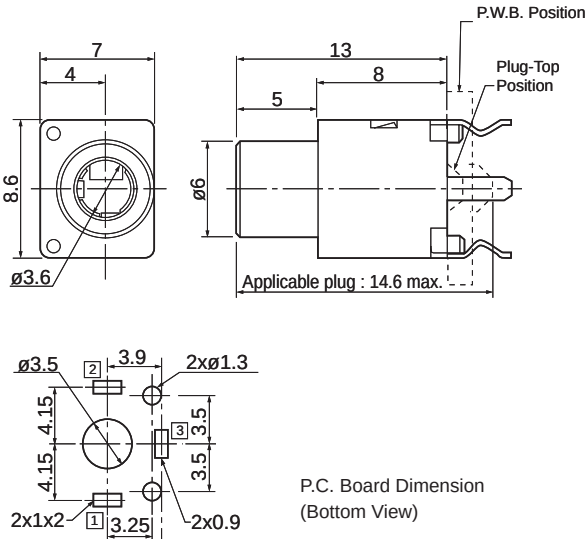
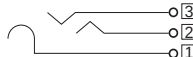
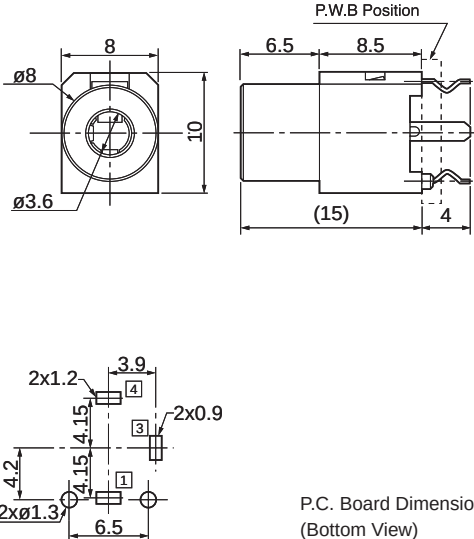
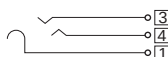
3.5mm Dia. Jacks

LGS2318-0100F 	 P.C. Board Dimension (Bottom View)	Circuits  Manual Soldering
LGS6506-0700F 	 P.C. Board Dimension (Bottom View)	Circuits  Flow Soldering
LGS6507-1300F 	 P.C. Board Dimension (Bottom View)	Circuits  Flow Soldering

3.5mm Dia. Jacks

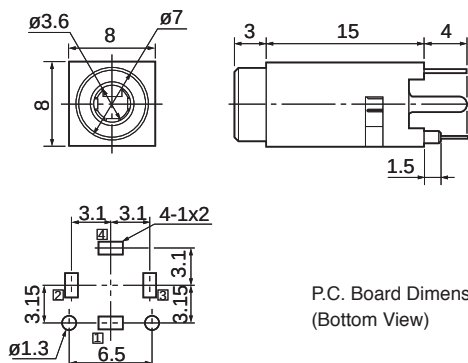
LGS6509-1000F 	 P.C. Board Dimension (Bottom View) [t=1.6]	Circuits  Flow Soldering
LGY2502-0200F 	 P.C. Board Dimension (Bottom View) [t=1.2/1.6]	Circuits  Flow Soldering (Please contact about soldering condition) Manual Soldering
LGY2512-0100F 	 P.C. Board Dimension (Bottom View) [t=1.2/1.6]	Circuits  Flow Soldering (Please contact about soldering condition) Manual Soldering

3.5mm Dia. Jacks

LGT10□2-0100F 	 P.C. Board Dimension (Bottom View) <table><tr><td>☐</td><td>Metal Sleeve</td></tr><tr><td>0</td><td>Without</td></tr><tr><td>1</td><td>With</td></tr></table> ※ Pattern compatible with LGM10□9	☐	Metal Sleeve	0	Without	1	With	Circuits  Manual Soldering
☐	Metal Sleeve							
0	Without							
1	With							
DIP Type								
LGT8002-0100F 	 P.C. Board Dimension (Bottom View) Applicable plug : 14.6 max.	Circuits  Manual Soldering						
DIP Type								
LGT8502-0200F 	 P.C. Board Dimension (Bottom View)	Circuits  Flow Soldering Manual Soldering						
DIP Type								

3.5mm Dia. Jacks

LGT1509-0200F



P.C. Board Dimension
(Bottom View)

[t=1.6]

Circuits

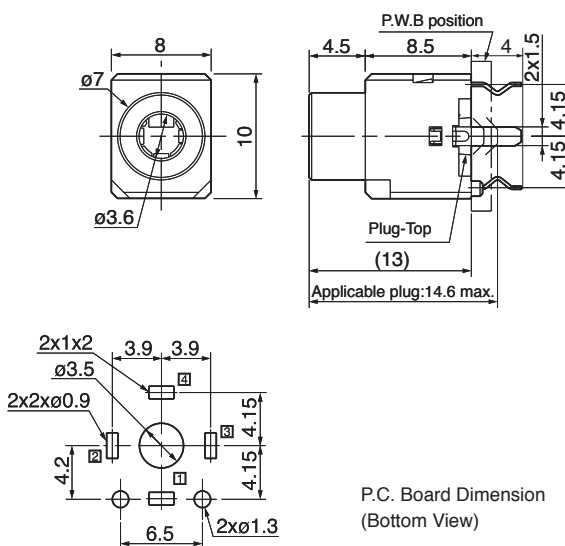


Flow Soldering

Manual Soldering

DIP Type

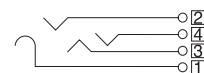
LGT8509-0300F



P.C. Board Dimension
(Bottom View)

[t=1.6]

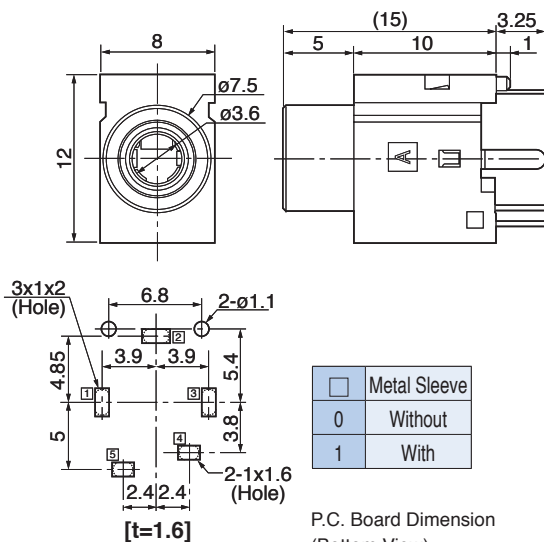
Circuits



Manual Soldering

DIP Type

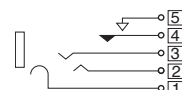
LGM10□9-0100F



P.C. Board Dimension
(Bottom View)

※ Pattern compatible with LGT10□2

Circuits

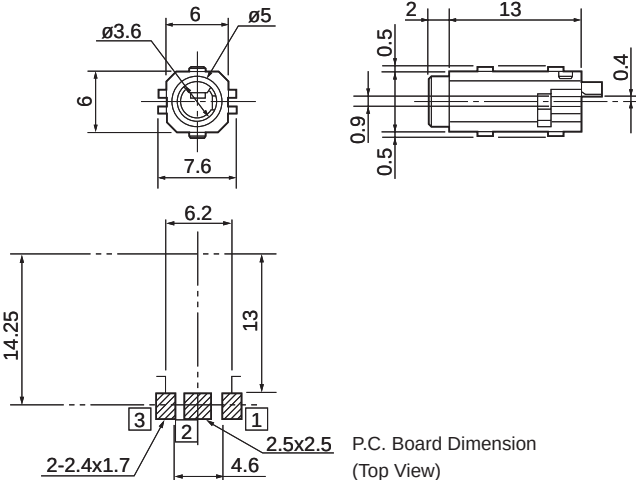
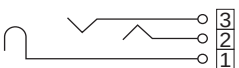
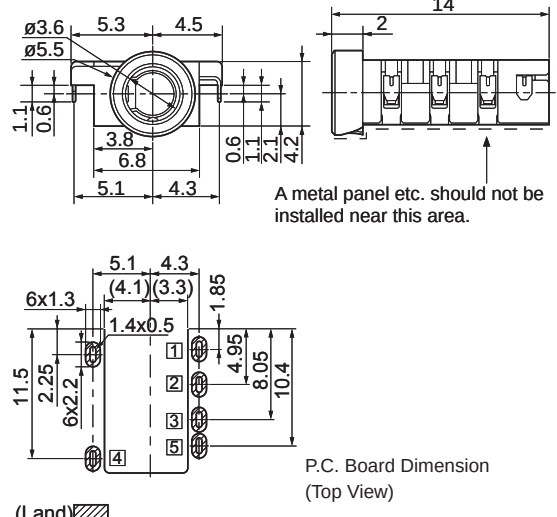
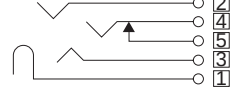


Manual Soldering

DIP Type

□	Metal Sleeve
0	Without
1	With

3.5mm Dia. Jacks

LGY0402-0111F 	 P.C. Board Dimension (Top View) [t=0.8]	Circuits  Manual Soldering
LGY0609-0600F  Mid Mount Type	 P.C. Board Dimension (Top View) [t=0.8]	Circuits  Reflow Soldering Manual Soldering