3.5mm Earphone Audio Connector
PCB Mount

multicompPRO

Specifications

Electrical Data

Contact Resistance	: 30mΩ max.
Withstanding Voltage	: 500V AC for one minute
Insulation Resistance	: 100MΩ min.at 500V DC

Material

|	
Housing / Body	: PA66 (Body)
Flammability	: UL94HB
Contact	: Phosphor bronze (Sleeve spring, Ring spring #2, Ring spring #3, Chip spring)
Plating	: Ag

Mechanical Data

Mating Cycles	: 5,000 (gauge plug)
Insertion Force	: 5.88 to 24.52N (initial value), 2.94 to 19.62N (after insertion and extraction)
Extraction Force	: 5.88 to 24.52N (initial value), 2.94 to 19.62N (after insertion and extraction)

Environmental

Temperature Range	: -20°C to +70°C

Diagram
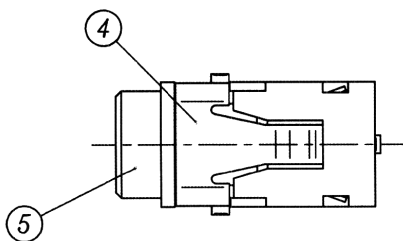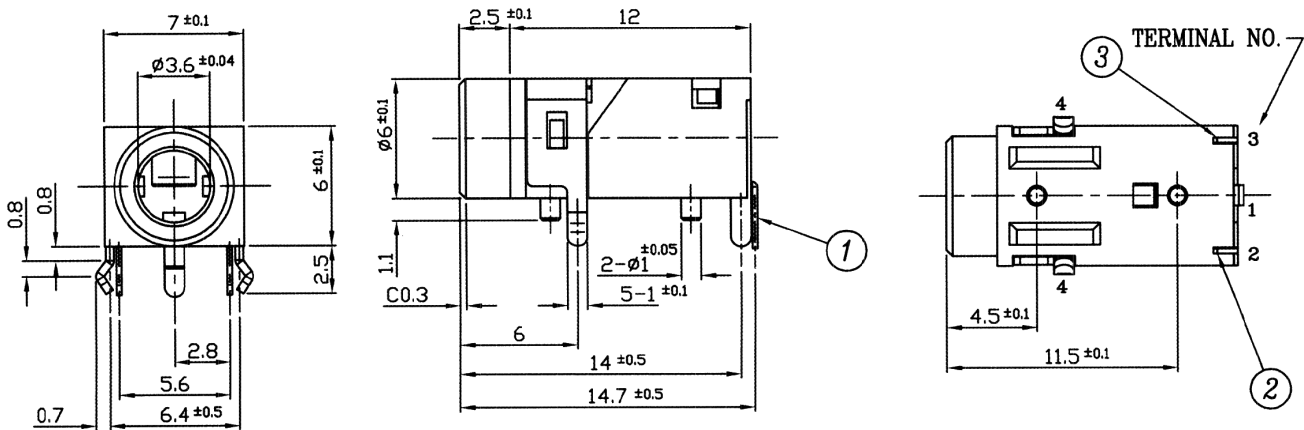
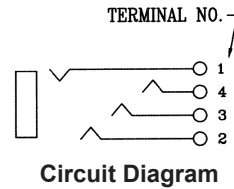| No.	Part Name	Material	Remark	Qty.
1	Sleeve Spring	PBs 0.25t	Ag-Plated	
2	Ring Spring #2	PBs 0.25t	Ag-Plated	
3	Ring Spring #3	PBs 0.25t	Ag-Plated	1
4	Chip Spring	PBs 0.4t	Ag-Plated	
5	Body	PA66/CF Resin	Black	

Dimensions : Millimetres

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

multicompPRO

3.5mm Earphone Audio Connector
PCB Mount
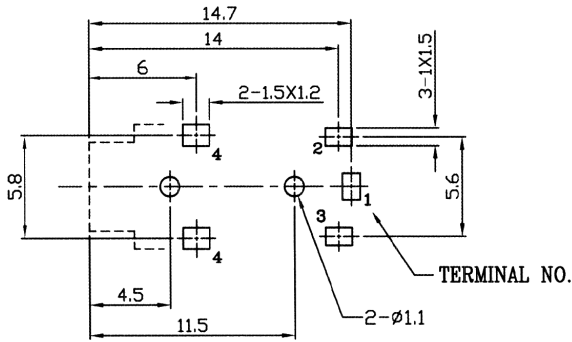
PC Board Hole Layout (Tolerance: ±0.1)

Dimensions : Millimetres

Circuit Diagram

TERMINAL NO.

1
4
3
2

Part Number Table

Description	Part Number
3.5mm Earphone Audio Connector, PCB Mount	MJ-2135

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

multicomp PRO

Page <2>   25/05/20   V1.0