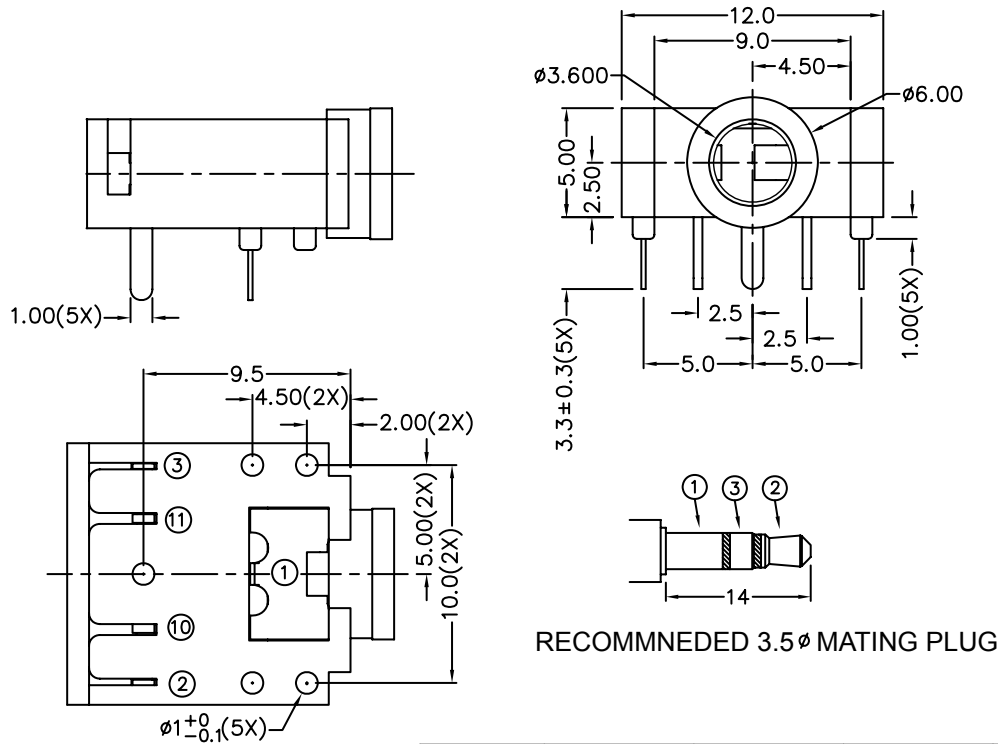
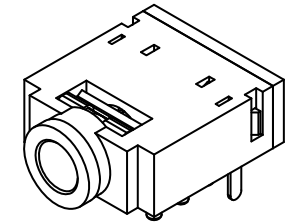
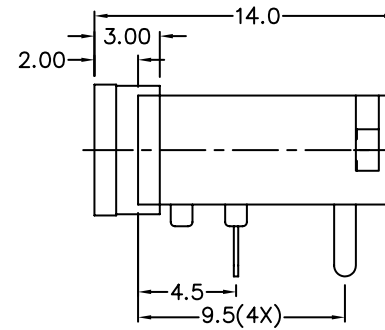
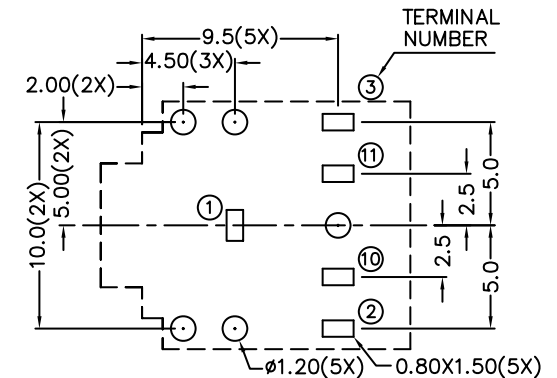




RECOMMENDED 3.5 ϕ MATING PLUG



ISOMETRIC VIEW



RECOMMENDED PCB LAYOUT

PART NUMBER	S800-0310-02xx-z	S800-0320-02xx-z	S800-0330-02xx-z	S800-0340-02xx-z	S800-0350-02xx-z
SCHEMATIC					

ELECTRICAL:

CURRENT: 0.5A

CONTACT RESISTANCE: < 30 milliohms @ AC 100mA; Max. 1Khz

INSULATOR RESISTANCE: > 100Mohms@500 VDC

DIELECTRIC WITHSTANDING VOLTAGE: 500VAC FOR 1 MIN

INSERTION FORCE: 0.3-3.0 Kg

EXTRACTION FORCE: 0.3-3.0 Kg

DURABILITY: 1500 Cycles Min.

MATERIAL:

INSULATOR NORMAL: PBT GLASS FILLED; UL94V-0

BUSHING: BRASS NICKEL PLATED

CONTACT SPRINGS: PHOSPHOR BRONZE

SHUNT TERMINALS: TIN PLATED BRASS

GROUND TERMINALS: TIN PLATED BRASS

HOW TO ORDER:

S 8 0 0 - 0 3 X 0 - 0 2 X X - Z

TYPE NUMBER

03

SCHEMATIC NUMBER:

SEE SCHEMATIC
NUMBER ABOVE

PACKAGING

0 - TRAY
2 - BAG
3 - TUBE

**RoHS
COMPLIANT**

**BODY COLOR
OPTION:**

1 - LIGHT BLUE PT #284C
2 - LIME GREEN PT #577C
3 - PINK PT #701C
4 - ORANGE PT #157C
5 - YELLOW PT #123C

Rev	Drawn	Checked	Approved	Date	
0	Issued	S.E.	S.M.	S.M.	6/9/98
A	Revised for RoHS Compliance	B.S.	S.M.	S.M.	07/23/08
B	Revised for Color Options	B.S.	S.M.	S.M.	01/06/12
					SMP TECHNOLOGY, INC.
					3.5 mm Stereo Jack; 14 mm (L) x 12 mm (W) x 5 mm (H); All Metal
					Bushing ; Pantone Color Body
TOL. DEC.	.X +/- 0.35	.XX +/- 0.25	.XXX +/-	ANGLE +/-	UNIT: mm
					P/N S800-03X0-02XX-Z
					Pg: 1