PHONO PLUGS

• Mates with .125 (3.2) diameter jacks

STRAIN RELIEF LUG CRIMPS TO WIRE INSULATION

.130 [3.3] DIA.
.500 [12.7] MAX.
1.300 [33.0] MAX.
.562 [14.3]
.125 [3.2] DIA.

CAT. NO. 565

MATERIAL:
Shell: Steel, Tin Plate
Pin: Brass, Nickel Plate

CONVENTIONAL TYPE

.156 [4.0] DIA.
.500 [12.7] MAX.
.750 [19.1]
.562 [14.3]
.125 [3.2] DIA.

CAT. NO. 561

MATERIAL:
Shell: Brass, Nickel Plate
Pin: Brass, Nickel Plate

CRIMP OR SOLDER TYPE EXTRA LONG HANDLE

.175 [4.5] DIA.
.312 [7.9]
1.062 [27.0]
.500 [12.7] MAX.
.562 [14.3]
.125 [3.2] DIA.

CAT. NO. 567

MATERIAL:
Shell: Steel, Tin Plate
Pin: Brass, Nickel Plate

"F" FEMALE CONNECTOR

SNAP-FIT PC MOUNT

• Low profile
• Snap-fit mounting for positive retention during wave soldering
• Rugged, stable construction facilitates reliable mating
• High reliability, manufactured using Nickel Plated Brass bodies and Tin Plated Phosphor Bronze contacts
• Supplied with washer and nut

.421 [10.7]
.469 [11.9]
.260 [6.6]
.425 [10.8] DIA.
.157 [4.0]
.098 [2.5] MAX. (3) PLS
.039 [.99]
.467 [11.9]
.936 [23.8]
.669 [17.0]
.531 [13.5]
.375–32 THREAD
.169 [4.3]
.232 [5.9] REF.

Mounting Detail
.105 [2.7] DIA. (3) PLS
.400 [10.2]
.200 [5.1]
.062 [1.57] DIA.

CAT. NO. 911

PANEL MOUNT PHONO JACKS

• Mates with .125 (3.12) dia. pin
• Mounts to panel in .296 (7.6) dia. hole
• Color coded for ease of identification
• Complete with nut and solder lug

ROUND BASE

.437 [11.1]
.375 [9.6] DIA.
.062 [1.57] DIA.
.328 [8.4] DIA.
.350 [8.9]
.830 [21.1]
.260 [6.6]
.250–32 THREAD

CAT. NO.	INSULATOR COLOR
598	WHITE
580	RED
574	BLACK
599	YELLOW

MATERIAL:
Brass, Nickel Plate

HEX BASE

.437 [11.1]
.375 [9.5] HEX.
.062 [1.57] DIA.
.328 [8.4] DIA.
.350 [8.9]
.830 [21.1]
.260 [6.6]
.250–32 THREAD

CAT. NO.	INSULATOR COLOR
581	WHITE
582	RED
576	BLACK
583	YELLOW

COLOR KEYED - PC PHONO JACKS

• Mates with .125 (3.2) diameter pins • Features a normally closed circuit
• Various colors for circuit identification • Snap-fit mounting for positive retention during wave soldering

SCHEMATIC

○ 1
○ 4
○ 3

.394 [10.0]
TO ACCEPT .125 [3.2] PIN
.512 [13.0]
.256 [6.5]
.453 [11.5]
.075 [1.91]
.295 [7.5]
.209 [5.3]
.354 [9.0]
.551 [14.0]
.327 [8.3]
.413 [10.5]
.157 [4.0]
.315 [8.0]
.098 [2.5]
③
④
①

CAT. NO.	INSULATOR COLOR
970	WHITE
971	RED
972	BLACK
973	YELLOW

SPECIFICATIONS
Housing: PBT
Ground Terminal: .020 (.51) Brass, Nickel Plate ①
Spring Contact: .012 (.30) Phosphor Bronze, Silver Plate ③
Shunt Terminal: .016 (.41) thick Brass, Silver Plate ④

Mounting Detail
(TOP VIEW)
.386 [9.8]
.315 [8.0]
.256 [6.5]
.157 [4.0]
.082 [2.08] DIA. (3) PLS
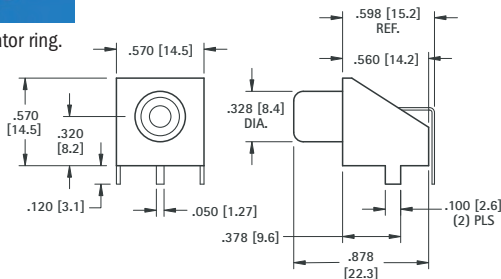.295 [7.5]
.078 [1.98] DIA. (2) PLS
.209 [5.3]
.090 [2.29] DIA.
1
3
4

90° PC PHONO JACK

Complete one piece jack for insertion into PC board.
Time Saving. No Wiring Required.

• Black insulator ring.

.570 [14.5]
.598 [15.2] REF.
.560 [14.2]
.570 [14.5]
.320 [8.2]
.328 [8.4] DIA.
.120 [3.1]
.050 [1.27]
.378 [9.6]
.878 [22.3]
.100 [2.6] (2) PLS
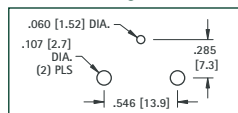
MATERIAL:
Base: Steel, Tin Plate
Shell: Steel, Nickel Plate
Contact: Brass, Tin Plate

CAT. NO. 902

Mounting Detail

.060 [1.52] DIA.
.107 [2.7] DIA. (2) PLS
.285 [7.3]
.546 [13.9]

SNAP-FIT 90° PC PHONO JACKS

CHOICE OF TIN OR GOLD PLATE

Complete one piece jack for insertion into PC board.
Time Saving. No Wiring Required.
Snap-fits into PC board.

.571 [14.5]
.265 [6.8]
.218 [5.6] REF.
.415 [10.6]
.465 [11.8]
.257 [6.6]
.328 [8.4] DIA.
.160 [4.1]
.465 [11.8]
.050 [1.27]
.255 [6.5]
.100 [2.6] (3) PLS
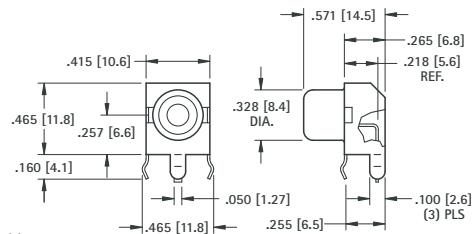
MATERIAL:
Shell: Steel
Contact: Brass
Plating: Tin or Gold

TIN PLATE CAT. NO.	INSULATOR COLOR	GOLD PLATE CAT. NO.
587	WHITE	936
588	RED	937
901	BLACK	900
589	YELLOW	938

Mounting Detail

.105 [2.7] DIA. (3) PLS
.400 [10.2]
.200 [5.1]
.062 [1.57] DIA.
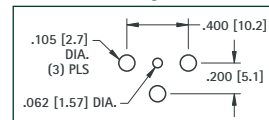
SNAP-FIT VERTICAL PC PHONO JACK

• Snaps into holes on PC board and firmly held for soldering
• No staking required

.328 [8.4] DIA.
.297 [7.6]
.414 [10.6]
.390 [9.9]
.410 [10.4]
.162 [4.1]
.261 [6.6]
.096 [2.44]
.062 [1.6]

• Red insulator ring

MATERIAL:
Shell: Steel, Tin Plate
Contact: Brass, Tin Plate

CAT. NO. 572

Mounting Detail
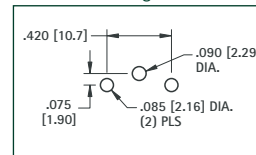
.130 [3.3] DIA.
.420 [10.7]
.070 [1.8]
.085 [2.2] DIA. (2) PLS
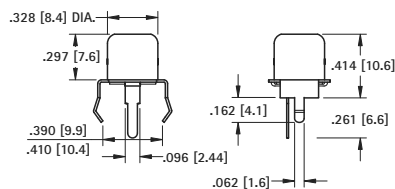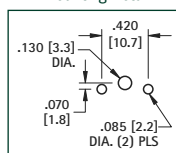
SNAP-FIT VERTICAL PC PHONO JACKS

• Extra long, one piece shell to accept plugs with longer pins for greater contact
• Snaps into holes on PC board and firmly held for soldering
• No staking required

.328 [8.4] DIA.
.843 [21.4]
.655 [16.7]
.875 [22.2]
.050 [1.27]
.070 [1.78] (2) PLS
.400 [10.2]

CAT. NO.	INSULATOR COLOR
584	WHITE
577	RED
585	BLACK
586	YELLOW
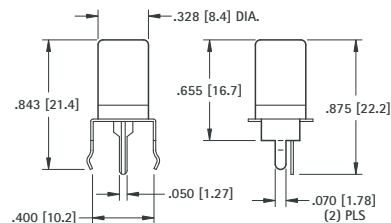
MATERIAL:
Shell: Steel, Nickel Plate
Contact: Brass, Tin Plate

Mounting Detail

.420 [10.7]
.090 [2.29] DIA.
.075 [1.90]
.085 [2.16] DIA. (2) PLS

PC PHONO JACKS

VERTICAL

• For applications requiring staking to product
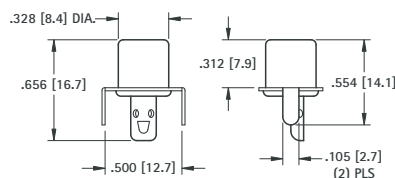
.328 [8.4] DIA.
.656 [16.7]
.312 [7.9]
.554 [14.1]
.500 [12.7]
.105 [2.7] (2) PLS

• White insulator ring

MATERIAL:
Shell: Steel, Tin Plate
Contact: Brass, Tin Plate

CAT. NO. 573

Mounting Detail

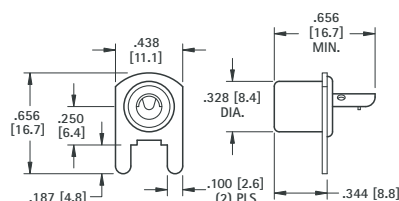.045 [1.14]
.500 [12.7]
.250 [6.4]
.125 [3.2] (2) PLS
.156 [4.0] DIA.
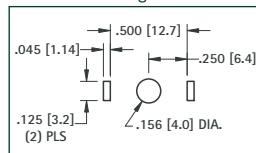
HORIZONTAL

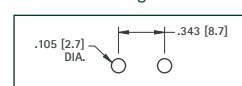• Mounted on bracket ready for insertion into pre-drilled holes
• Solder lug allows remote attachment of signal to PC board

.438 [11.1]
.656 [16.7] MIN.
.656 [16.7]
.250 [6.4]
.328 [8.4] DIA.
.187 [4.8]
.100 [2.6] (2) PLS
.344 [8.8]

• Red insulator ring

MATERIAL:
Shell: Steel, Tin Plate
Contact: Brass, Tin Plate

CAT. NO. 571

Mounting Detail

.105 [2.7] DIA.
.343 [8.7]

PC PHONO JACKS