

# Dual Row Vertical Mount PCB Connectors (Low Profile)



2802-BA Series .100" (2.54mm) Grid P.C. Tails .100" (2.54mm) Grid Mating End  
 2802-BB Series .100" (2.54mm) X.150" (3.81mm) P.C Tails Grid

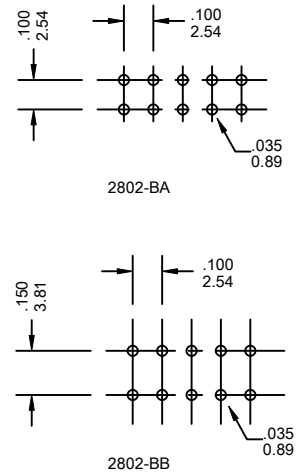
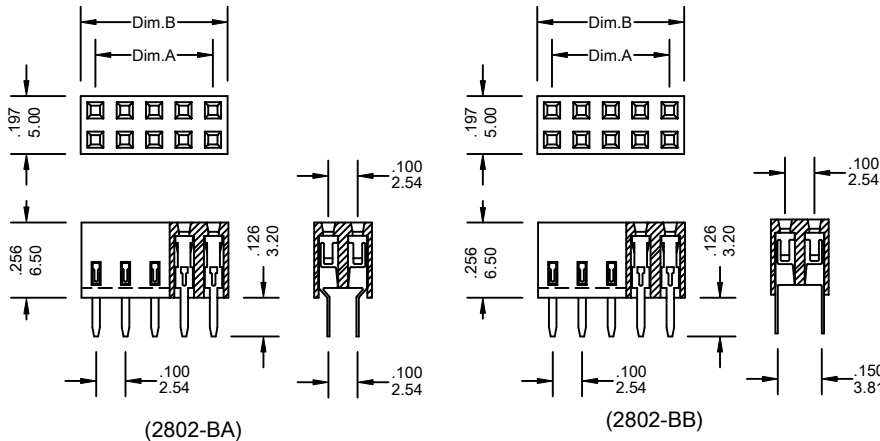
## FEATURES:

- . 4-80 Circuits
- . PBT + 30% Glass Fiber [UL 94V-0]
- . Designed for parallel and perpendicular board stacking, also for PCB-to-harness and PCB-to-chassis connections
- . Low profile: .256" high
- . .120" solder tail (2802-BA and 2802-BB) for .062" thick printed circuits boards
- . Mates with .100" grid male headers:
  - Dual row, right angle and straight headers:
  - .025" square and round wire pins
- . Stackable end-to-end and side-to-side on .100" grid
- . Dual beam box contact
- . Standoffs facilitate post solder cleaning

UNIT: INCH  
MM

## SPECIFICATIONS:

- . Current rating: 3A AC, DC
- . Voltage rating: 250V AC, Maximum
- . Temperature range: -40°C ~ +105°C
- . Contact resistance: Initial Value/10mΩ max. After environmental testing /20mΩ max.
- . Insulation resistance: 1000 MΩ min
- . Withstand voltage: 1500V AC/minute
- . Applicable PC board thickness: .063"[1.6mm]



Recommended P.C. Board Hole Layout

## Ordering Information 2802-BA,2802-BB Series

Series No.	No. of Contacts	Contact Type	Contact Plating	
2802-BA	2X08P	S	G1	- PB
2802-BA Series	2X02P ~ 2X40P	S: Straight	T: Tin G1: Gold Flash S5: 5u" Gold S10: 10u" Gold S15: 15u" Gold S30: 30u" Gold [G: Full Gold] [S: Selective Gold]	RoHs
2802-BB Series				

## Dimensional Information

Circuits	Dim.A± .008 0.20	Dim.B± .008 0.20	Circuits	Dim.A± .008 0.20	Dim.B± .008 0.20	Circuits	Dim.A± .008 0.20	Dim.B± .008 0.20
4	.100 2.54	.200 5.08	6	.200 5.08	.300 7.62	8	.300 7.62	.400 10.16

\* FOR CIRCUIT SIZES 10 THROUGH 80 ADD .100" OR 2.54MM FOR EACH ADDITIONAL PIN.