



.100" (2.54mm) Single Row Right Angle Tail PCB Connectors

2801-AA Series (High Profile)

2801-BA Series (Low Profile)

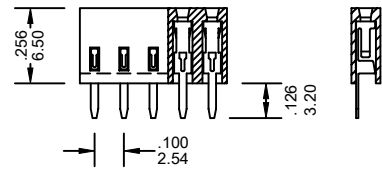
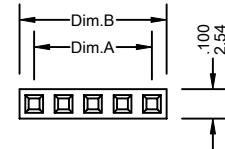
FEATURES:

- . 2-40 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
- . Stackable end-to-end and side-to-side
- . .120" Solder tail (2801-AA and 2801-BA) for .062" thick printed circuit boards
- . Mates with .100" (2.54mm) grid male headers: single row, right angle and straight headers: .025" (0.64mm) square and round wire pins
- . Contact orientation to benefit consistent insertion/withdrawal forces
- . Standoffs facilitate post solder cleaning

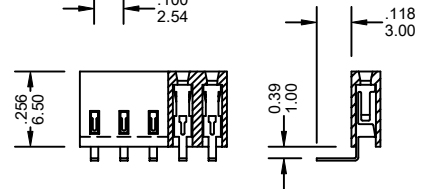
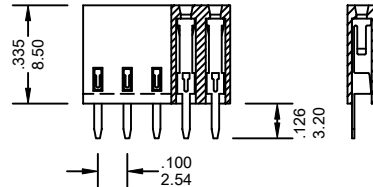
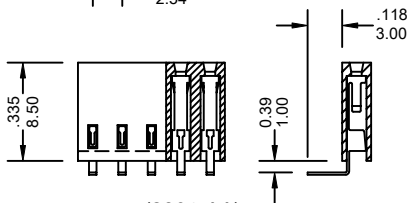
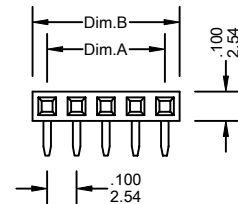
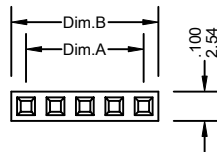
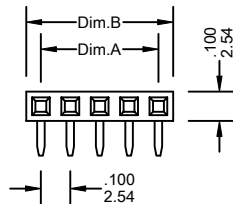
SPECIFICATIONS:

UNIT: INCH
MM

- . 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]



(2801-BA)
Straight



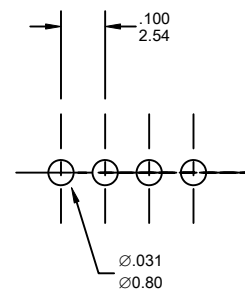
(2801-AA)
Right Angle

(2801-AA)
Straight

(2801-BA)
Right Angle

Ordering Information 2801-AA, 2801-BA Series

Series No.	No. of Contacts	Contact Type	Contact Plating	
2801-AA	04P	R	G1	PB
2801-AA Series	02P ~ 40P	R: Right Angle S: Straight	T: Tin G1: Gold Flash S1: Gold Flash S5: 5u" Gold S10: 10u" Gold S15: 15u" Gold S30: 30u" Gold [G: Full Gold] [S: Selective Gold]	RoHs
2801-BA Series				



Recommended P.C. Board Hole Layout

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
2	.100 2.54	.200 5.08	3	.200 5.08	.300 7.62	4	.300 7.62	.400 10.16

2801 Series

* FOR CIRCUIT SIZES 5 THROUGH 40 ADD .100" OR 2.54MM FOR EACH ADDITIONAL PIN.