

.100"X.100" (2.54mmX2.54mm) Transition Plug Connector



3100 Series

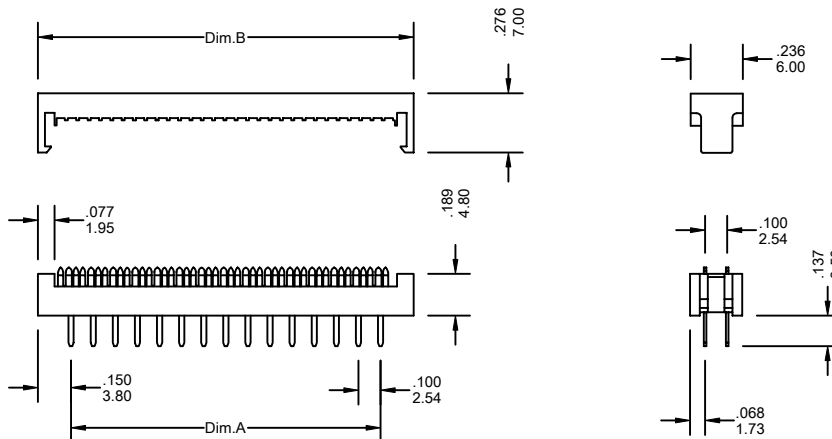
FEATURES:

- . 8-64 Circuits
- . PBT + 30% Glass Fiber [UL 94V-0]
- . Ideal for high density stacking on the P.C. Board
- . Designed to fit into stander .100"X.100" [2.54mm 2.54mm] grid pattern
- . Provision of ease and permanent termination of flat cable to PCB
- . Ribbed base aids cable position
- . Grooved cable position
- . Choice of plating options

SPECIFICATIONS:

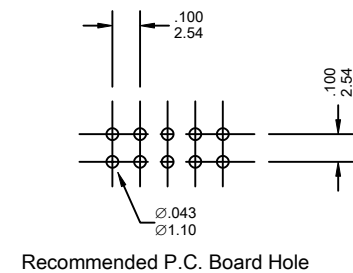
- . Current rating: 3A AC, DC
- . Voltage rating: 250V AC, Maximum
- . Temperature range: -40°C ~ +105°C
- . Contact resistance: Initial Value/10mΩ max. After environmental testing /20mΩ max.
- . Insulation resistance: 5000 MΩ min
- . Withstand voltage: 1500V AC/minute
- . Applicable wires: AWG 18, 7 strands .050"[1.27mm] pitch flat cable
- . Applicable PC Board thickness: .063" [1.6mm]

UNIT: INCH
MM



Ordering Information 3100 Series

Series No.	No. of Contacts	Contact Plating	
3100	34P	T	- PB
3100 Series	08P 20P 40P 10P 24P 50P 12P 26P 60P 14P 28P 64P 16P 30P 18P 34P	T: Tin G1: Gold Flash S5: 5u" Gold S10: 10u" Gold S15: 15u" Gold S30: 30u" Gold [G: Full Gold] [S: Selective Gold]	RoHs



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
08	.300 7.620	.599 15.21	16	.700 17.78	.999 25.37	26	1.200 30.48	1.499 38.07
10	.400 10.16	.699 17.75	18	.800 20.32	1.099 27.91	28	1.300 33.02	1.599 40.61
12	.500 12.70	.799 20.29	20	.900 22.86	1.199 30.45	30	1.400 35.56	1.699 43.15
14	.600 15.24	.899 22.83	24	1.100 27.94	1.399 35.53	34	1.600 40.64	1.899 48.23

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* FOR CIRCUIT SIZES 40 THROUGH 64 ADD .100" OR 2.54MM FOR EACH ADDITIONAL TWO PINS.