.049" (1.25mm) FPC Connector Dip

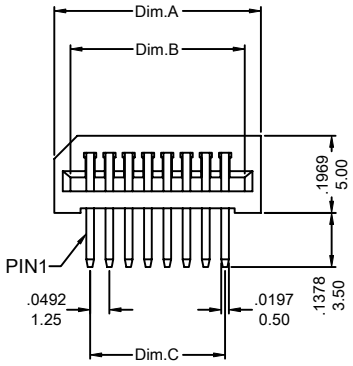
3109 Series

FEATURES:

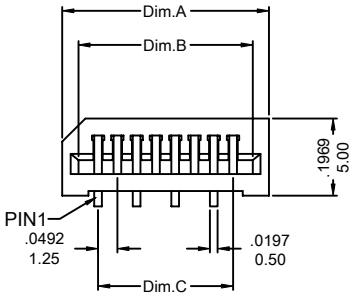
. 3-40 Circuits
. .020" [0.50mm] Square wire pins nickel
. Thermoplastic, [UL 94V-0]
. Contact: Copper alloys

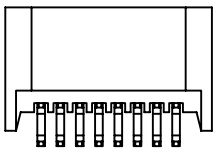
SPECIFICATIONS:

. Current rating: 1A AC. DC
. Voltage rating: 200V AC. Maximum
. Temperatur range: -40°C ~ +105°C
. Dielectric Withstanding Voltage: 250V AC/1 min
. Insulation resistance: 5000 MΩ min
. Contact resistance: 25mΩ max

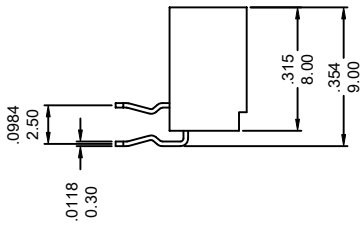


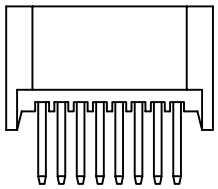
UNIT: INCH / MM



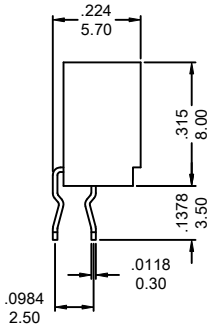


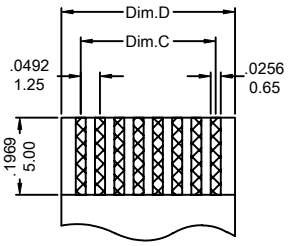
(R: Right Angle)

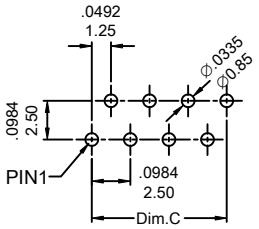




(S: Straight)







RECOMMENDED P.C.BOARD PATTERN DIM.(REF.)

Ordering Information 3109 Series

Series No.	No.Of Contacts	Contact Type	Contacts Plating	
3109 -	05P	S	T	- PB
3109 Series	03P ~ 40P	S:Straight R:Right Angle	T:Tin G:Gold Flash	RoHs

Dimensional Information

Circuits	Dim.A± .008 0.20	Dim.B± .008 0.20	Dim.C± .008 0.20	Dim.D± .008 0.20	Circuits	Dim.A± .008 0.20	Dim.B± .008 0.20	Dim.C± .008 0.20	Dim.D± .008 0.20	Circuits	Dim.A± .008 0.20	Dim.B± .008 0.20	Dim.C± .008 0.20	Dim.D± .008 0.20
3	.281 7.15	.199 5.05	.098 2.50	.197 5.00	4	.331 8.40	.248 6.30	.148 3.75	.246 6.25	5	.380 9.65	.297 7.55	.197 5.00	.295 7.50
6	.429 10.90	.346 8.80	.246 6.25	.344 8.75	7	.478 12.15	.395 10.05	.295 7.50	.394 10.00	8	.527 13.40	.445 11.30	.344 8.75	.443 11.25
9	.577 14.65	.494 12.55	.394 10.00	.492 12.50	10	.626 15.90	.543 13.80	.443 11.25	.541 13.75	11	.675 17.15	.592 15.05	.492 12.50	.590 15.00
12	.724 18.40	.642 16.30	.541 13.75	.639 16.25	13	.774 19.65	.691 17.55	.590 15.00	.689 17.50	14	.823 20.90	.740 18.80	.639 16.25	.738 18.75
15	.872 22.15	.789 20.05	.689 17.50	.787 20.00	16	.921 23.40	.838 21.30	.738 18.75	.837 21.25	17	.970 24.65	.887 22.55	.787 20.00	.886 22.50
18	1.019 25.90	.937 23.80	.837 21.25	.935 23.75	19	1.069 27.15	.986 25.05	.886 22.50	.984 25.00	20	1.069 28.40	1.035 26.30	.935 23.75	1.033 26.25
21	1.167 29.65	1.085 27.55	.984 25.00	1.083 27.50	22	1.217 30.90	1.134 28.80	1.033 26.25	1.132 28.75	23	1.266 32.15	1.183 30.05	1.083 27.50	1.181 30.00
24	1.315 33.40	1.232 31.30	1.132 28.75	1.230 31.25	25	1.364 34.65	1.281 32.55	1.181 30.00	1.279 32.50	26	1.413 35.90	1.331 33.80	1.230 31.25	1.329 33.75
27	1.463 37.15	1.379 35.05	1.279 32.50	1.378 35.00	28	1.512 38.40	1.429 36.30	1.329 33.75	1.427 36.25	29	1.561 39.65	1.478 37.55	1.378 35.00	1.476 37.50
30	1.610 40.90	1.528 38.80	1.427 36.25	1.526 38.75	31	1.659 42.15	1.577 40.05	1.476 37.50	1.575 40.00	32	1.709 43.40	1.626 41.30	1.526 38.75	1.624 41.25
33	1.758 44.65	1.675 42.55	1.575 40.00	1.673 42.50	34	1.807 45.90	1.724 43.80	1.624 41.25	1.722 43.75	35	1.826 47.15	1.774 45.05	1.673 42.50	1.772 45.00
36	1.906 48.40	18.23 46.30	1.722 43.75	1.821 46.25	37	1.955 49.65	1.872 47.55	1.772 45.00	1.870 47.50	38	2.004 50.90	1.921 48.80	1.821 46.25	1.919 48.75
39	2.053 52.15	1.970 50.05	1.870 47.50	1.968 50.00	40	2.102 53.40	2.019 51.30	1.919 48.75	2.018 51.25					