tyco Electronics

FPC Connector Family

AMP

Product Facts

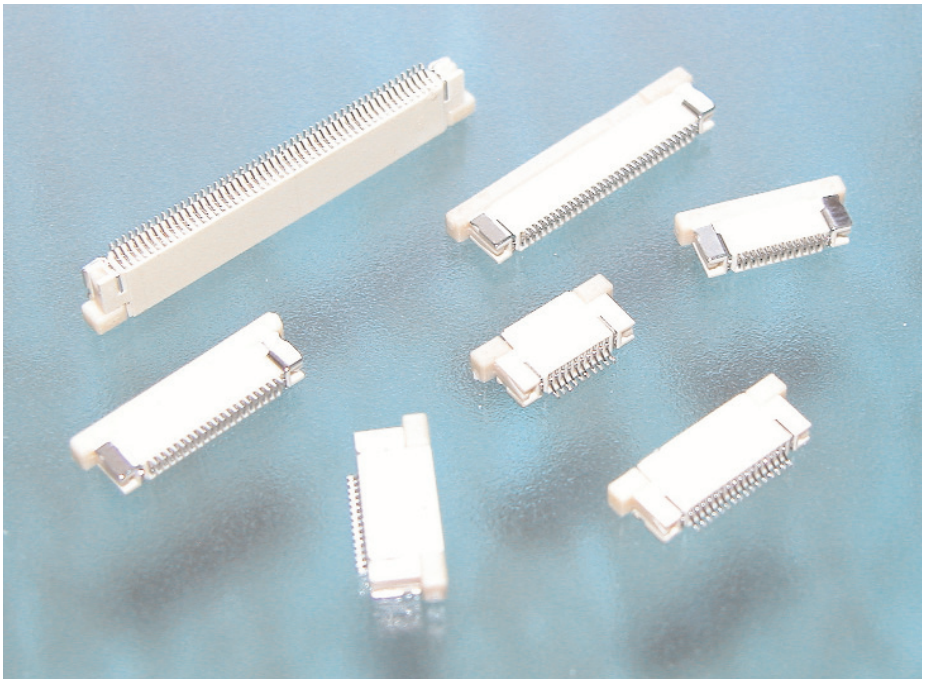
- **Available in ZIF and non-ZIF**
- **Available in 0.3, 0.5, 1.0, and 1.25mm Centerlines**
- **Available Tin-Lead or Lead-Free**
- **SMT, Thu-Hole, Vertical and Right-Angle**
- **Right-Angle Available Top or Bottom Contact**

Need more information?

Call Technical Support at the numbers listed below.

Technical Support is staffed with specialists well versed in Tyco Electronics products. They can provide you with:

- Technical support
- Catalogs
- Technical Documents
- Product Samples
- Authorized Distributor Locations



As the demands for higher-density packaging of electronic equipment increases, the use of flexible printed circuits (FPC) to reduce size, weight and assembly costs has expanded. FPC is finding wide acceptance in the computer industry, particularly in such applications as Lap Top, Notebook, Palm Top and Note Pad Computers. Other markets include: Disk Drives, Printers, Plotters, Copiers, Cellular Phones, and Medical Equipment.

Tyco Electronics FPC connectors have been developed to meet the challenges of this expanding market. Available in centerline spacings 0.3 [.012], 0.5 [.020],1.0 [.039], and 1.25 [.049] all incorporating low profile and light-weight features.

For custom parts, modification, or any inquiries, please contact your nearest Tyco Electronics Representatives or visit our website http://www.tycoelectronics.com

Part Number	Pb Free Part Number	Pitch	ZIF	SMT / Thu-Hole	Vertical / Right-Angle	Contact Type	Circuit Range	Type A/B	Page Number
1746237	1746237	0.3	ZIF	SMT	Right-Angle	Bottom	27, 39	A	2
1470731	1734742	0.5	ZIF	SMT	Vertical	—	4 - 40P	A	3
1470359	1734839	0.5	ZIF	SMT	Right-Angle	Top	5 - 50P	Inline	4 & 5
1470360	1734592	0.5	ZIF	SMT	Right-Angle	Bottom	5 - 50P	Inline	6 & 7
440347	1734248	1.0	ZIF	SMT	Vertical	—	3 - 40P	2 Row	8 & 9
487951	84953	1.0	ZIF	SMT	Right-Angle	Top	4 - 30P	Inline	10 &11
487952	84952	1.0	ZIF	SMT	Right-Angle	Bottom	4 - 30P	Inline	12 &13
84982	84982	1.0	NonZIF	SMT	Vertical	—	4 - 40P	A	14 &15
84981	84981	1.0	NonZIF	SMT	Right-Angle	Top	4 - 40P	Inline	16 &17
1470852	1734798	1.0	NonZIF	SMT	Right-Angle	Bottom	4 - 30P	Inline	18 &19
84984	84984	1.0	NonZIF	Thu-Hole	Vertical	—	4 - 40P	A	20 & 21
84983	84983	1.0	NonZIF	Thu-Hole	Right-Angle	Top	4 - 40P	A	22 & 23
1470790	1734779	1.0	NonZIF	Thu-Hole	Right-Angle	Bottom	4 - 30P	B	24 & 25
84534	84534	1.25	NonZIF	Thu-Hole	Vertical	—	4 - 40P	A	26 & 27
84533	84533	1.25	NonZIF	Thu-Hole	Right-Angle	Top	4 - 40P	A	28 & 29

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Catalog 1-1773440-6
Revised 05-06

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Dimensions are in millimeters and inches unless otherwise specified. Values in brackets are standard equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

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South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-141-810-8967

Product Dimensions

0.3 mm, FPC Connector, Flip Lock Type

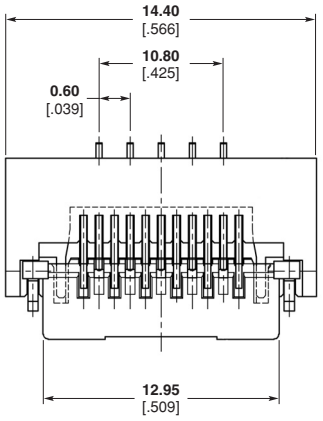
Part Number: 1746237

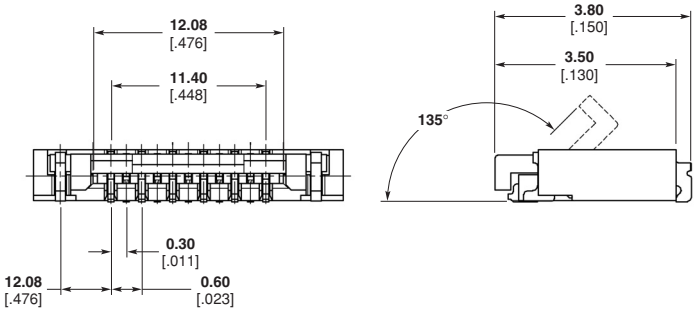
Material and Finish

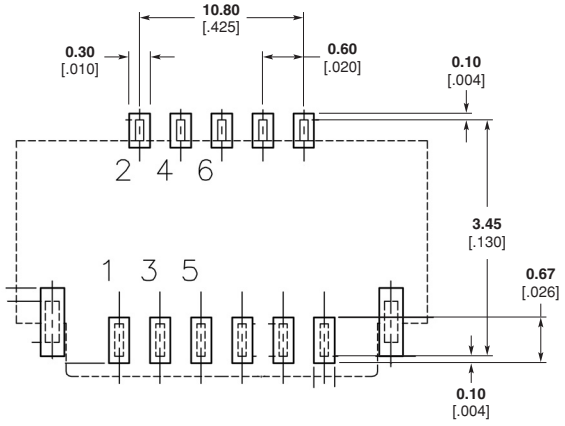
Housing — Thermoplastic, UL 94V-0
Contacts — Phosphor bronze

Technical Documents

Product Specification — 108-5924







Recommended PCB Layout

Catalog 1-1773440-6
Revised 05-06

www.tycoelectronics.com

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UK: 44-141-810-8967

0.5 mm, FPC/FFC Connector, ZIF, Vertical, SMT, Type A

Part Number 1470731
Lead Free 1734742

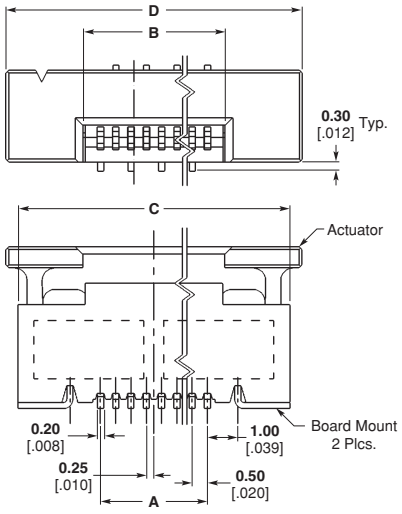
Material and Finish

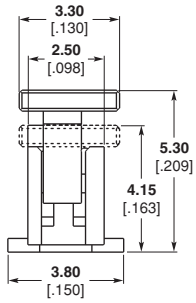
Housing — High temperature thermoplastic, UL 94V-0, brown color
Actuator — High temperature thermoplastic, UL 94V-0, natural color
Contacts — Phosphor bronze
Board Mounts — Brass

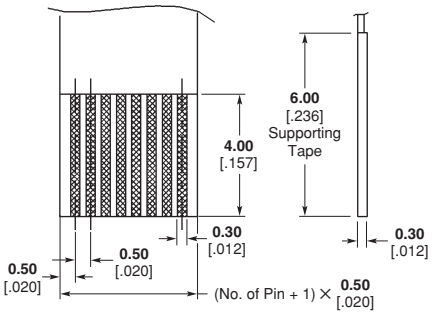
Technical Documents

Product Specification — 108-57324

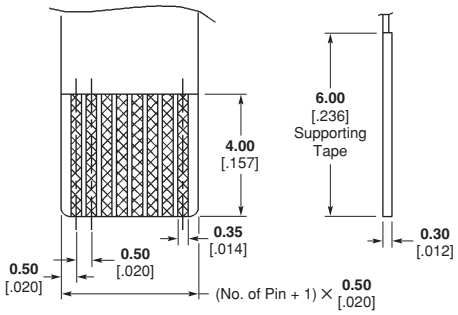
Product Dimensions (Continued)



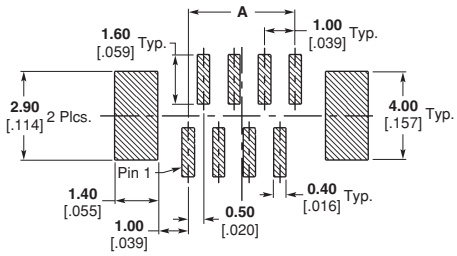




Recommended FFC Layout



Recommended FPC Layout



Recommended PCB Layout

Part Number	No. of Contacts	Dimension			
		A	B	C	D
1-1470731-6	16	**7.50** .295	**8.65** .341	**12.90** .508	**13.70** .539
1-1470731-8	18	**8.50** .335	**9.65** .380	**13.90** .547	**14.70** .579
2-1470731-0	20	**9.50** .374	**10.65** .419	**14.90** .587	**15.70** .618
2-1470731-4	24	**11.50** .453	**12.65** .498	**16.90** .665	**17.70** .697
3-1470731-0	30	**14.50** .571	**15.65** .616	**19.90** .783	**20.70** .815
4-1470731-0	40	**19.50** .768	**20.65** .813	**25.90** 1.020	**25.70** 1.012

Catalog 1-1773440-6
Revised 05-06

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Product Dimensions (Continued)

0.5 mm, FPC Connector, SMT, Top Contact

Part Number **1470359**
Lead Free **1734839**

Material and Finish

Housing — High temperature thermoplastic, UL 94V-0, natural color

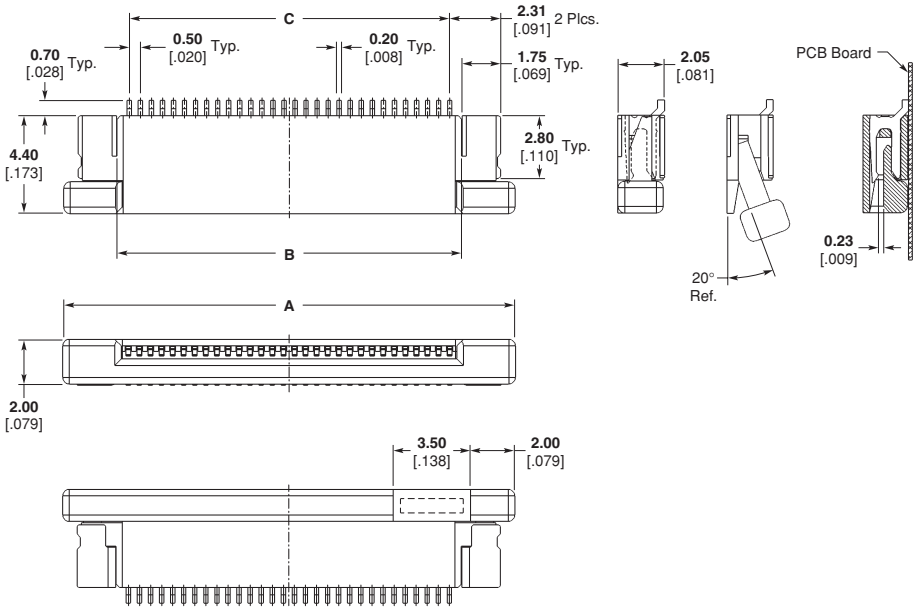
Actuator — Thermoplastic, UL 94V-0, ivory color

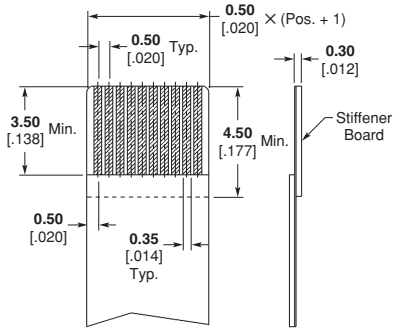
Hold Down — Phosphor bronze

Contact — Phosphor bronze

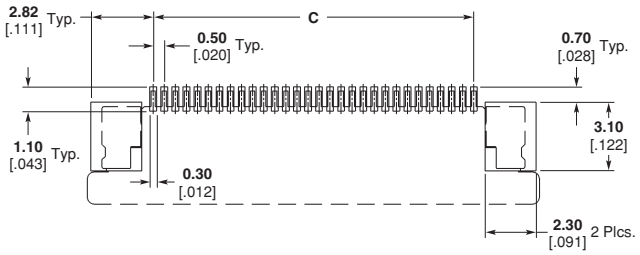
Technical Documents

Product Specification — 108-57238





Recommended FPC Layout



Recommended PCB Layout

Catalog 1-1773440-6
Revised 05-06

www.tycoelectronics.com

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Product Dimensions (Continued)

0.5 mm, FPC Connector, SMT, Top Contact

Part Number 1470359
Lead Free 1734839

Part Number	Position	Dimension		
		A	B	C
1470359-5	5	**7.93** .312	**3.10** .122	**2.00** .078
1470359-6	6	**8.43** .331	**3.60** .141	**2.50** .098
1470359-7	7	**8.93** .351	**4.10** .161	**3.00** .118
1470359-8	8	**9.43** .371	**4.60** .181	**3.50** .137
1470359-9	9	**9.93** .390	**5.10** .200	**4.00** .157
1-1470359-0	10	**10.43** .410	**5.60** .220	**4.50** .177
1-1470359-1	11	**10.93** .430	**6.10** .240	**5.00** .196
1-1470359-2	12	**11.43** .450	**6.60** .259	**5.50** .216
1-1470359-3	13	**11.93** .469	**7.10** .279	**6.00** .236
1-1470359-4	14	**12.43** .489	**7.60** .299	**6.50** .255
1-1470359-5	15	**12.93** .509	**8.10** .318	**7.00** .275
1-1470359-6	16	**13.43** .528	**8.60** .338	**7.50** .295
1-1470359-7	17	**13.93** .548	**9.10** .358	**8.00** .314
1-1470359-8	18	**14.43** .568	**9.60** .377	**8.50** .334
1-1470359-9	19	**14.93** .587	**10.10** .397	**9.00** .354
2-1470359-0	20	**15.43** .607	**10.60** .417	**9.50** .374
2-1470359-1	21	**15.93** .627	**11.10** .437	**10.00** .393
2-1470359-2	22	**16.43** .646	**11.60** .456	**10.50** .413
2-1470359-3	23	**16.93** .666	**12.10** .476	**11.00** .433
2-1470359-4	24	**17.43** .686	**12.60** .496	**11.50** .452
2-1470359-5	25	**17.93** .705	**13.10** .515	**12.00** .472
2-1470359-6	26	**18.43** .725	**13.60** .535	**12.50** .492
2-1470359-7	27	**18.93** .745	**14.10** .555	**13.00** .511

Part Number	Position	Dimension		
		A	B	C
2-1470359-8	28	**19.43** .764	**14.60** .574	**13.50** .531
2-1470359-9	29	**19.93** .784	**15.10** .594	**14.00** .551
3-1470359-0	30	**20.43** .804	**15.60** .614	**14.50** .570
3-1470359-1	31	**20.93** .824	**16.10** .633	**15.00** .590
3-1470359-2	32	**21.43** .843	**16.60** .653	**15.50** .610
3-1470359-3	33	**21.93** .863	**17.10** .673	**16.00** .629
3-1470359-4	34	**22.43** .883	**17.60** .692	**16.50** .649
3-1470359-5	35	**22.93** .902	**18.10** .712	**17.00** .669
3-1470359-6	36	**23.43** .922	**18.60** .732	**17.50** .688
3-1470359-7	37	**23.93** .942	**19.10** .751	**18.00** .708
3-1470359-8	38	**24.43** .961	**19.60** .771	**18.50** .728
3-1470359-9	39	**24.93** .981	**20.10** .791	**19.00** .748
4-1470359-0	40	**25.43** 1.001	**20.60** .811	**19.50** .767
4-1470359-1	41	**25.93** 1.020	**21.10** .830	**20.00** .787
4-1470359-2	42	**26.43** 1.040	**21.60** .850	**20.50** .807
4-1470359-3	43	**26.93** 1.060	**22.10** .870	**21.00** .826
4-1470359-4	44	**27.43** 1.079	**22.60** .890	**21.50** .846
4-1470359-5	45	**27.93** 1.099	**23.10** .909	**22.00** .866
4-1470359-6	46	**28.43** 1.119	**23.60** .929	**22.50** .885
4-1470359-7	47	**28.93** 1.138	**24.10** .949	**23.00** .905
4-1470359-8	48	**29.43** 1.158	**24.60** .968	**23.50** .925
4-1470359-9	49	**29.93** 1.178	**25.10** .988	**24.00** .944
5-1470359-0	50	**30.43** 1.198	**25.60** 1.008	**24.50** .964

Catalog 1-1773440-6
Revised 05-06

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Product Dimensions (Continued)

0.5 mm, FPC Connector, SMT, Bottom Contact

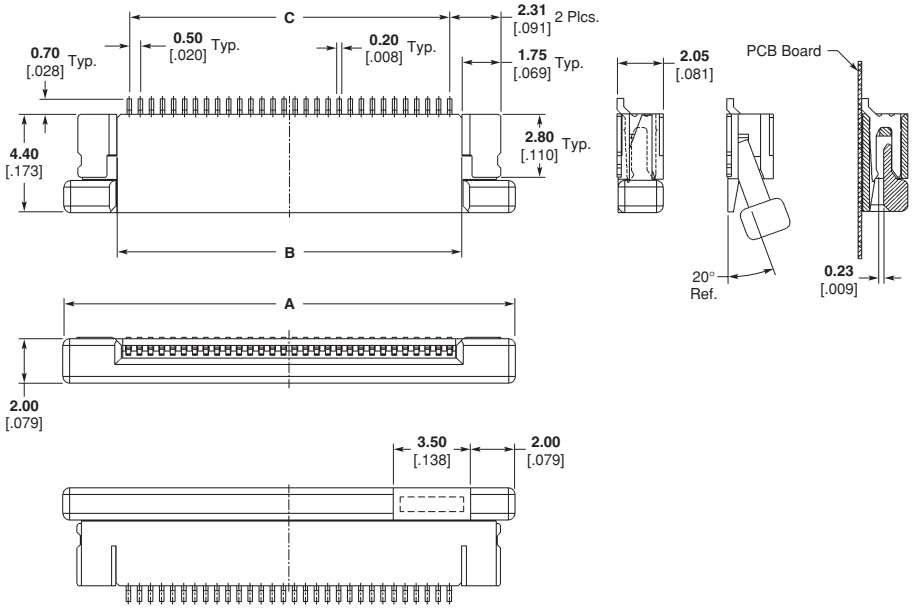
Part Number **1470360**
Lead Free **1734592**

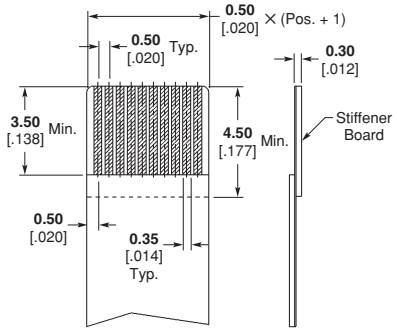
Material and Finish

Housing — High temperature thermoplastic, UL 94V-0, natural color
Actuator — Thermoplastic, UL 94V-0, ivory color
Hold Down — Phosphor bronze
Contact — Phosphor bronze

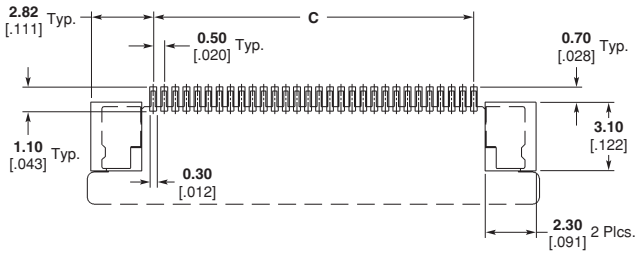
Technical Documents

Product Specification — 108-57238





Recommended FPC Layout



Recommended PCB Layout

Catalog 1-1773440-6
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Product Dimensions (Continued)

0.5 mm, FPC Connector, SMT, Bottom Contact

Part Number 1470360
Lead Free 1734592

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3-1470360-0	30	**20.43** .804	**15.60** .614	**14.50** .570
3-1470360-1	31	**20.93** .824	**16.10** .633	**15.00** .590
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3-1470360-6	36	**23.43** .922	**18.60** .732	**17.50** .688
3-1470360-7	37	**23.93** .942	**19.10** .751	**18.00** .708
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4-1470360-6	46	**28.43** 1.119	**23.60** .929	**22.50** .885
4-1470360-7	47	**28.93** 1.138	**24.10** .949	**23.00** .905
4-1470360-8	48	**29.43** 1.158	**24.60** .968	**23.50** .925
4-1470360-9	49	**29.93** 1.178	**25.10** .988	**24.00** .944
5-1470360-0	50	**30.43** 1.198	**25.60** 1.008	**24.50** .964

Catalog 1-1773440-6
Revised 05-06

www.tycoelectronics.com

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UK: 44-141-810-8967

Product Dimensions (Continued)

1.0 mm, FPC Connector, ZIF Vertical, SMT

Part Number 440347
Lead Free 1734248

Material and Finish

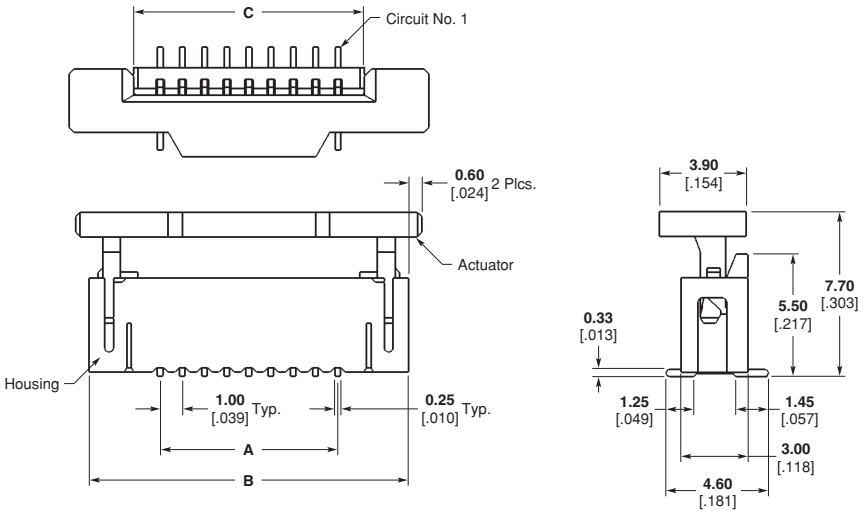
Housing — Thermoplastic, UL 94V-0, black color

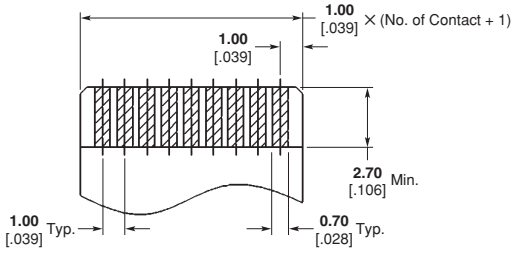
Actuator — PPS, UL 94V-0, brown color

Contact — Phosphor bronze

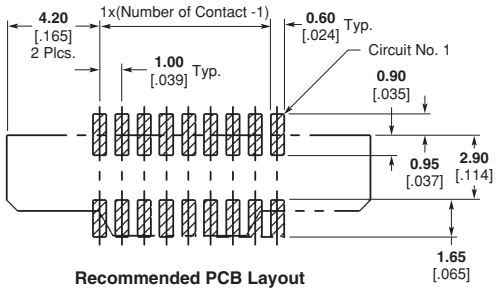
Technical Documents

Product Specification — 108-57080





Recommended FPC Layout



Recommended PCB Layout

Catalog 1-1773440-6
Revised 05-06

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Product Dimensions (Continued)

1.0 mm, FPC Connector, ZIF Vertical, SMT

Part Number 440347
Lead Free 1734248

Part Number	Position	Dimension		
		A	B	C
440347-3	3	**2.00** .078	**8.60** .338	**4.40** .173
440347-4	4	**3.00** .118	**9.60** .377	**5.40** .212
440347-5	5	**4.00** .157	**10.60** .417	**6.40** .251
440347-6	6	**5.00** .197	**11.60** .456	**7.40** .291
440347-7	7	**6.00** .236	**12.60** .496	**8.40** .330
440347-8	8	**7.00** .276	**13.60** .535	**9.40** .370
440347-9	9	**8.00** .315	**14.60** .574	**10.40** .409
440347-0	10	**9.00** .354	**15.60** .614	**11.40** .448
1-440347-1	11	**10.00** .394	**16.60** .653	**12.40** .488
1-440347-2	12	**11.00** .433	**17.60** .692	**13.40** .527
1-440347-3	13	**12.00** .472	**18.60** .732	**14.40** .566
1-440347-4	14	**13.00** .512	**19.60** .771	**15.40** .606
1-440347-5	15	**14.00** .551	**20.60** .811	**16.40** .645
1-440347-6	16	**15.00** .591	**21.60** .850	**17.40** .685
1-440347-7	17	**16.00** .630	**22.60** .889	**18.40** .724
1-440347-8	18	**17.00** .669	**23.60** .929	**19.40** .763
1-440347-9	19	**18.00** .709	**24.60** .968	**20.40** .803
2-440347-0	20	**19.00** .748	**25.60** 1.007	**21.40** .842
2-440347-1	21	**20.00** .787	**26.60** 1.047	**22.40** .881

Part Number	Position	Dimension		
		A	B	C
2-440347-2	22	**21.00** .827	**27.60** 1.086	**23.40** .921
2-440347-3	23	**22.00** .866	**28.60** 1.125	**24.40** .960
2-440347-4	24	**23.00** .906	**29.60** 1.165	**25.40** 1.000
2-440347-5	25	**24.00** .945	**30.60** 1.204	**26.40** 1.039
2-440347-6	26	**25.00** .984	**31.60** 1.244	**27.40** 1.078
2-440347-7	27	**26.00** 1.024	**32.60** 1.283	**28.40** 1.118
2-440347-8	28	**27.00** 1.063	**33.60** 1.322	**29.40** 1.157
2-440347-9	29	**28.00** 1.102	**34.60** 1.362	**30.40** 1.196
3-440347-0	30	**29.00** 1.142	**35.60** 1.401	**31.40** 1.236
3-440347-1	31	**30.00** 1.181	**36.60** 1.440	**32.40** 1.275
3-440347-2	32	**31.00** 1.221	**37.60** 1.480	**33.40** 1.314
3-440347-3	33	**32.00** 1.259	**38.60** 1.519	**34.40** 1.354
3-440347-4	34	**33.00** 1.299	**39.60** 1.559	**35.40** 1.393
3-440347-5	35	**34.00** 1.338	**40.60** 1.598	**36.40** 1.433
3-440347-6	36	**35.00** 1.377	**41.60** 1.637	**37.40** 1.472
3-440347-7	37	**36.00** 1.417	**42.60** 1.677	**38.40** 1.511
3-440347-8	38	**37.00** 1.456	**43.60** 1.716	**39.40** 1.551
3-440347-9	39	**38.00** 1.496	**44.60** 1.755	**40.40** 1.590
4-440347-0	40	**39.00** 1.535	**45.60** 1.795	**41.40** 1.629

Catalog 1-1773440-6
Revised 05-06

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Product Dimensions (Continued)

1.0 mm, FPC Connector, Right Angle, SMT, Top Contact

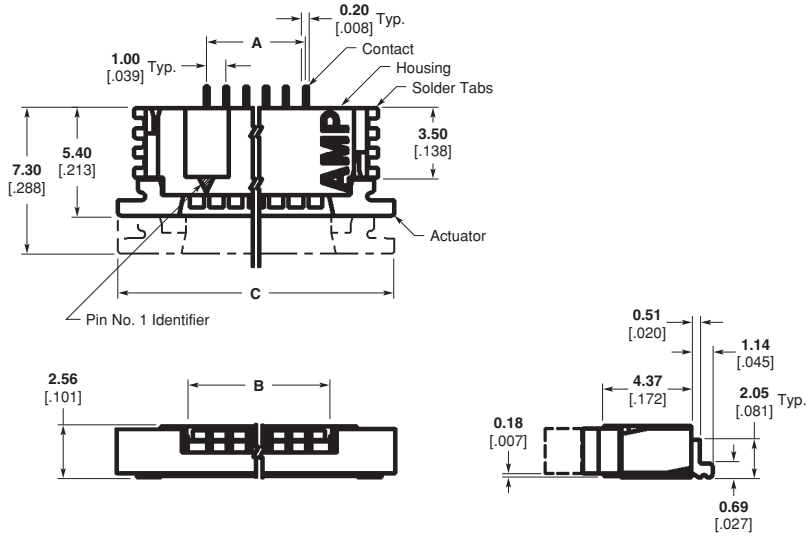
Part Number **487951**
Lead Free **84953**

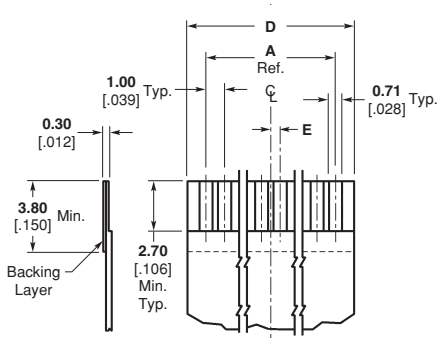
Material and Finish

Housing — Glass reinforced polyester (LCP), UL 94V-0, natural color
Actuator — Glass reinforced nylon (PPA), UL 94V-0, or glass reinforced PPS, UL 94V-0, black color
Solder Tabs — Phosphor bronze
Contact — Phosphor bronze

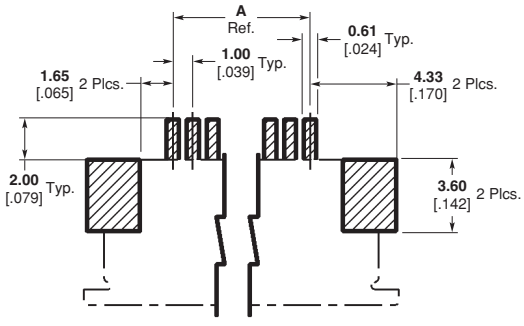
Technical Documents

Product Specification — 108-1393





Recommended FPC Layout



Recommended PCB Layout

Catalog 1-1773440-6
Revised 05-06

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Product Dimensions (Continued)

1.0 mm, FPC Connector, Right Angle, SMT, Top Contact

Part Number 487951
Lead Free 84953

Technical Documents
Product Specification — 108-1393

Part Number	Positions	Dimension				
		A	B	C	D	E
84953-4	4	**3.00** .118	**5.18** .204	**11.92** .469	**5.00** .197	**0.50** .019
84953-5	5	**4.00** .157	**6.18** .243	**12.92** .509	**6.00** .236	—
84953-6	6	**5.00** .197	**7.18** .283	**13.92** .548	**7.00** .276	**0.50** .019
84953-7	7	**6.00** .236	**8.18** .322	**14.92** .587	**8.00** .315	—
84953-8	8	**7.00** .276	**9.18** .361	**15.92** .627	**9.00** .354	**0.50** .019
84953-9	9	**8.00** .315	**10.18** .401	**16.92** .666	**10.00** .394	—
1-84953-0	10	**9.00** .354	**11.18** .440	**17.92** .705	**11.00** .433	**0.50** .019
1-84953-1	11	**10.00** .394	**12.18** .480	**18.92** .745	**12.00** .472	—
1-84953-2	12	**11.00** .433	**13.18** .519	**19.92** .784	**13.00** .512	**0.50** .019
1-84953-3	13	**12.00** .472	**14.18** .558	**20.92** .824	**14.00** .551	—
1-84953-4	14	**13.00** .512	**15.18** .598	**21.92** .863	**15.00** .591	**0.50** .019
1-84953-5	15	**14.00** .551	**16.18** .637	**22.92** .902	**16.00** .630	—
1-84953-6	16	**15.00** .591	**17.18** .676	**23.92** .942	**17.00** .669	**0.50** .019
1-84953-7	17	**16.00** .630	**18.18** .716	**24.92** .981	**18.00** .709	—
1-84953-8	18	**17.00** .669	**19.18** .755	**25.92** 1.020	**19.00** .748	**0.50** .019
1-84953-9	19	**18.00** .709	**20.18** .794	**26.92** 1.060	**20.00** .787	—
2-84953-0	20	**19.00** .748	**21.18** .834	**27.92** 1.099	**21.00** .827	**0.50** .019
2-84953-1	21	**20.00** .787	**22.18** .873	**28.92** 1.139	**22.00** .866	—
2-84953-2	22	**21.00** .827	**23.18** .913	**29.92** 1.179	**23.00** .906	**0.50** .019
2-84953-3	23	**22.00** .866	**24.18** .952	**30.92** 1.217	**24.00** .945	—
2-84953-4	24	**23.00** .906	**25.18** .991	**31.92** 1.257	**25.00** .984	**0.50** .019
2-84953-5	25	**24.00** .945	**26.18** 1.031	**32.92** 1.296	**26.00** 1.024	—
2-84953-6	26	**25.00** .984	**27.18** 1.070	**33.92** 1.335	**27.00** 1.063	**0.50** .019
2-84953-7	27	**26.00** 1.024	**28.18** 1.109	**34.92** 1.375	**28.00** 1.102	—
2-84953-8	28	**27.00** 1.063	**29.18** 1.149	**35.92** 1.414	**29.00** 1.142	**0.50** .019
2-84953-9	29	**28.00** 1.102	**30.18** 1.188	**36.92** 1.454	**30.00** 1.181	—
3-84953-0	30	**29.00** 1.142	**31.18** 1.228	**37.92** 1.492	**31.00** 1.221	**0.50** .019

Catalog 1-1773440-6
Revised 05-06

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Product Dimensions (Continued)

1.0 mm, FPC Connector, Right Angle, SMT, Bottom Contact

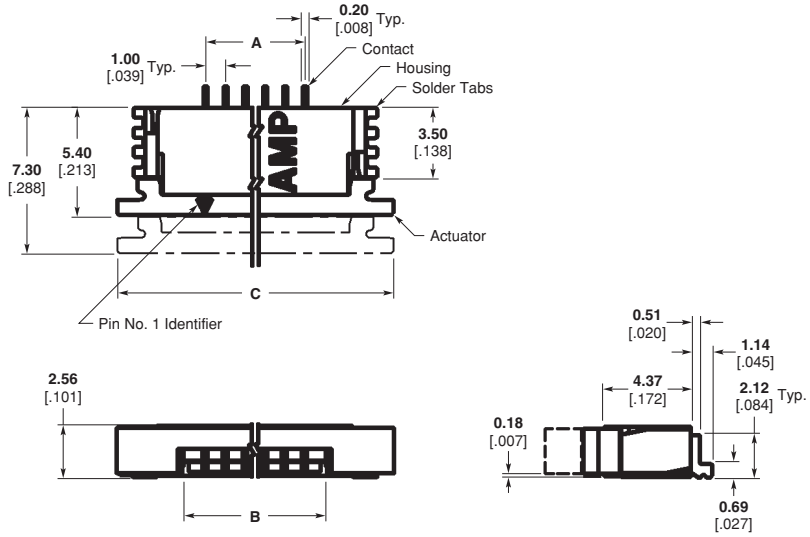
Part Number **487952**
Lead Free **84952**

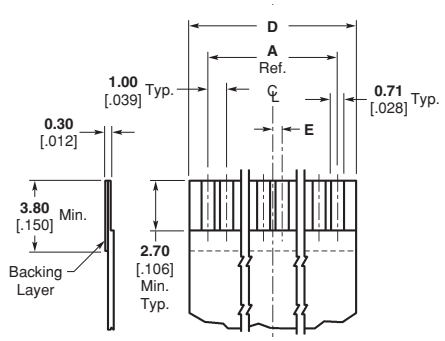
Material and Finish

Housing — Glass reinforced polyester (LCP), UL 94V-0, natural color
Actuator — Glass reinforced nylon (PPA), UL 94V-0, or glass reinforced PPS, UL 94V-0, black color
Solder Tabs — Phosphor bronze
Contact — Phosphor bronze

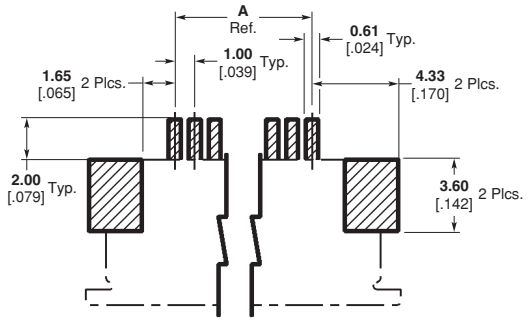
Technical Documents

Product Specification — 108-1393





Recommended FPC Layout



Recommended PCB Layout

Catalog 1-1773440-6
Revised 05-06

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Product Dimensions (Continued)

1.0 mm, FPC Connector, Right Angle, SMT, Bottom Contact

Part Number 487952
Lead Free 84952

Technical Documents
Product Specification — 108-1393

Part Number	Positions	Dimension				
		A	B	C	D	E
84952-4	4	**3.00** .118	**5.18** .204	**11.92** .469	**5.00** .197	**0.50** .019
84952-5	5	**4.00** .157	**6.18** .243	**12.92** .509	**6.00** .236	—
84952-6	6	**5.00** .197	**7.18** .283	**13.92** .548	**7.00** .276	**0.50** .019
84952-7	7	**6.00** .236	**8.18** .322	**14.92** .587	**8.00** .315	—
84952-8	8	**7.00** .276	**9.18** .361	**15.92** .627	**9.00** .354	**0.50** .019
84952-9	9	**8.00** .315	**10.18** .401	**16.92** .666	**10.00** .394	—
1-84952-0	10	**9.00** .354	**11.18** .440	**17.92** .705	**11.00** .433	**0.50** .019
1-84952-1	11	**10.00** .394	**12.18** .480	**18.92** .745	**12.00** .472	—
1-84952-2	12	**11.00** .433	**13.18** .519	**19.92** .784	**13.00** .512	**0.50** .019
1-84952-3	13	**12.00** .472	**14.18** .558	**20.92** .824	**14.00** .551	—
1-84952-4	14	**13.00** .512	**15.18** .598	**21.92** .863	**15.00** .591	**0.50** .019
1-84952-5	15	**14.00** .551	**16.18** .637	**22.92** .902	**16.00** .630	—
1-84952-6	16	**15.00** .591	**17.18** .676	**23.92** .942	**17.00** .669	**0.50** .019
1-84952-7	17	**16.00** .630	**18.18** .716	**24.92** .981	**18.00** .709	—
1-84952-8	18	**17.00** .669	**19.18** .755	**25.92** 1.020	**19.00** .748	**0.50** .019
1-84952-9	19	**18.00** .709	**20.18** .794	**26.92** 1.060	**20.00** .787	—
2-84952-0	20	**19.00** .748	**21.18** .834	**27.92** 1.099	**21.00** .827	**0.50** .019
2-84952-1	21	**20.00** .787	**22.18** .873	**28.92** 1.139	**22.00** .866	—
2-84952-2	22	**21.00** .827	**23.18** .913	**29.92** 1.179	**23.00** .906	**0.50** .019
2-84952-3	23	**22.00** .866	**24.18** .952	**30.92** 1.217	**24.00** .945	—
2-84952-4	24	**23.00** .906	**25.18** .991	**31.92** 1.257	**25.00** .984	**0.50** .019
2-84952-5	25	**24.00** .945	**26.18** 1.031	**32.92** 1.296	**26.00** 1.024	—
2-84952-6	26	**25.00** .984	**27.18** 1.070	**33.92** 1.335	**27.00** 1.063	**0.50** .019
2-84952-7	27	**26.00** 1.024	**28.18** 1.109	**34.92** 1.375	**28.00** 1.102	—
2-84952-8	28	**27.00** 1.063	**29.18** 1.149	**35.92** 1.414	**29.00** 1.142	**0.50** .019
2-84952-9	29	**28.00** 1.102	**30.18** 1.188	**36.92** 1.454	**30.00** 1.181	—
3-84952-0	30	**29.00** 1.142	**31.18** 1.228	**37.92** 1.492	**31.00** 1.221	**0.50** .019

Catalog 1-1773440-6
Revised 05-06

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Product Dimensions (Continued)

1.0 mm, FFC Connector, SMT, Vertical, (Non-ZIF)

Lead Free **84982**

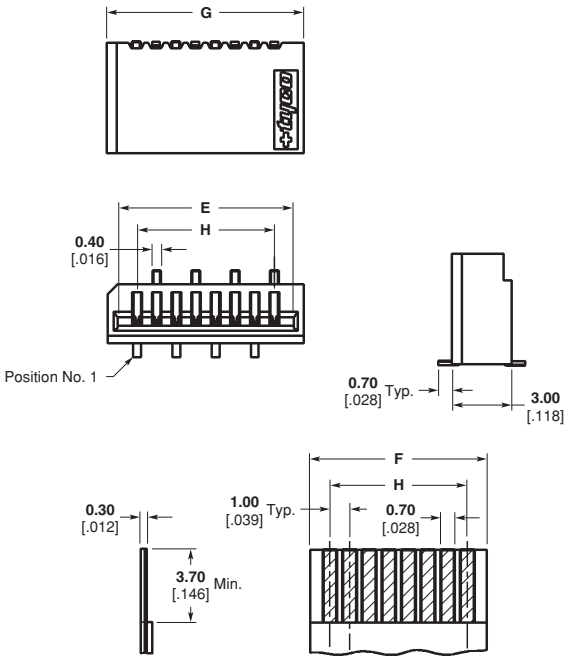
Material and Finish

Housing — Glass filled high temperature nylon, beige color

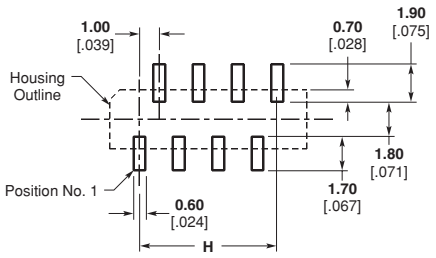
Contact — Phosphor bronze

Technical Documents

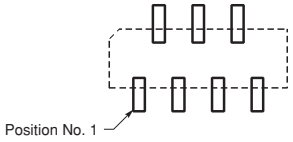
Product Specification — 108-51054



Recommended FFC/FPC Layout



Recommended PCB Layout
For Even Position Connectors



Recommended PCB Layout
For Odd Position Connectors

Catalog 1-1773440-6
Revised 05-06

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1.0 mm, FFC Connector, SMT, Vertical, (Non-ZIF)

Lead Free 84982

Technical Documents
Product Specification — 108-51054

Product Dimensions (Continued)

Part Number	No. of Contacts	Dimension			
		E	F	G	H
84982-4	4	**5.00** .197	**5.00** .197	**6.00** .236	**3.00** .118
84982-5	5	**6.00** .236	**6.00** .236	**7.00** .276	**4.00** .157
84982-6	6	**7.00** .276	**7.00** .276	**8.00** .315	**5.00** .197
84982-7	7	**8.00** .315	**8.00** .315	**9.00** .354	**6.00** .236
84982-8	8	**9.00** .354	**9.00** .354	**10.00** .394	**7.00** .276
84982-9	9	**10.00** .394	**10.00** .394	**11.00** .433	**8.00** .315
1-84982-0	10	**11.00** .433	**11.00** .433	**12.00** .472	**9.00** .354
1-84982-1	11	**12.00** .472	**12.00** .472	**13.00** .512	**10.00** .394
1-84982-2	12	**13.00** .512	**13.00** .512	**14.00** .551	**11.00** .433
1-84982-3	13	**14.00** .551	**14.00** .551	**15.00** .591	**12.00** .472
1-84982-4	14	**15.00** .591	**15.00** .591	**16.00** .630	**13.00** .512
1-84982-5	15	**16.00** .630	**16.00** .630	**17.00** .669	**14.00** .551
1-84982-6	16	**17.00** .669	**17.00** .669	**18.00** .709	**15.00** .591
1-84982-7	17	**18.00** .709	**18.00** .709	**19.00** .748	**16.00** .630
1-84982-8	18	**19.00** .748	**19.00** .748	**20.00** .787	**17.00** .669
1-84982-9	19	**20.00** .787	**20.00** .787	**21.00** .827	**18.00** .709
2-84982-0	20	**21.00** .827	**21.00** .827	**22.00** .866	**19.00** .748
2-84982-1	21	**22.00** .866	**22.00** .866	**23.00** .906	**20.00** .787
2-84982-2	22	**23.00** .906	**23.00** .906	**24.00** .945	**21.00** .827
2-84982-3	23	**24.00** .945	**24.00** .945	**25.00** .984	**22.00** .866
2-84982-4	24	**25.00** .984	**25.00** .984	**26.00** 1.024	**23.00** .906
2-84982-5	25	**26.00** 1.024	**26.00** 1.024	**27.00** 1.063	**24.00** .945
2-84982-6	26	**27.00** 1.063	**27.00** 1.063	**28.00** 1.102	**25.00** .984
2-84982-7	27	**28.00** 1.102	**28.00** 1.102	**29.00** 1.142	**26.00** 1.024
2-84982-8	28	**29.00** 1.142	**29.00** 1.142	**30.00** 1.181	**27.00** 1.063
2-84982-9	29	**30.00** 1.181	**30.00** 1.181	**31.00** 1.221	**28.00** 1.102
3-84982-0	30	**31.00** 1.221	**31.00** 1.221	**32.00** 1.259	**29.00** 1.142
3-84982-1	31	**32.00** 1.259	**32.00** 1.259	**33.00** 1.299	**30.00** 1.181
3-84982-2	32	**33.00** 1.299	**33.00** 1.299	**34.00** 1.338	**31.00** 1.221
3-84982-3	33	**34.00** 1.338	**34.00** 1.338	**35.00** 1.377	**32.00** 1.259
3-84982-4	34	**35.00** 1.377	**35.00** 1.377	**36.00** 1.417	**33.00** 1.299
3-84982-5	35	**36.00** 1.417	**36.00** 1.417	**37.00** 1.456	**34.00** 1.338
3-84982-6	36	**37.00** 1.456	**37.00** 1.456	**38.00** 1.496	**35.00** 1.377
3-84982-7	37	**38.00** 1.496	**38.00** 1.496	**39.00** 1.535	**36.00** 1.417
3-84982-8	38	**39.00** 1.535	**39.00** 1.535	**40.00** 1.574	**37.00** 1.456
3-84982-9	39	**40.00** 1.574	**40.00** 1.574	**41.00** 1.614	**38.00** 1.496
4-84982-0	40	**41.00** 1.614	**41.00** 1.614	**42.00** 1.653	**39.00** 1.535

Catalog 1-1773440-6
Revised 05-06

www.tycoelectronics.com

Dimensions are in millimeters and inches unless otherwise specified. Values in brackets are standard equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

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Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-141-810-8967

Product Dimensions (Continued)

1.0 mm, FFC Connector, SMT, Right Angle, Non-ZIF

Lead Free 84981

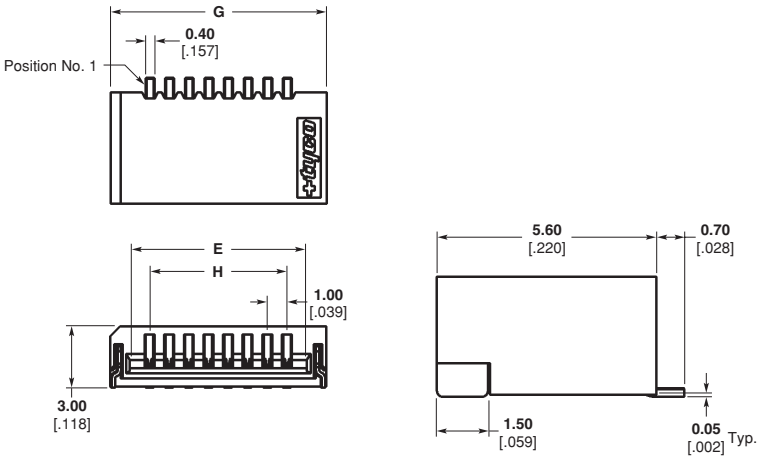
Material and Finish

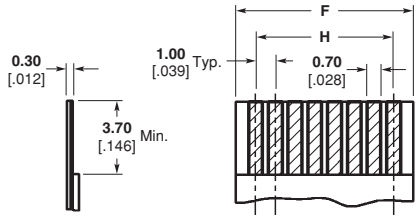
Housing — Glass filled high temperature nylon, beige color

Contact — Phosphor bronze

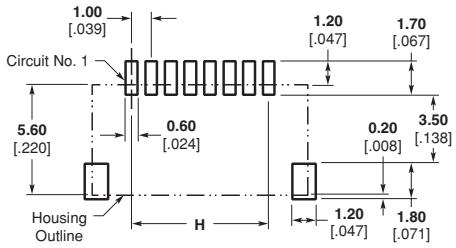
Technical Documents

Product Specification — 108-51054





Recommended FFC/FPC Layout



Recommended PCB Layout

Catalog 1-1773440-6
Revised 05-06

www.tycoelectronics.com

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Japan: 81-44-844-8013
UK: 44-141-810-8967

1.0 mm, FFC Connector, SMT, Right Angle, Non-ZIF

Lead Free 84981

Technical Documents

Product Specification — 108-51054

Product Dimensions (Continued)

Part Number	No. of Contacts	Dimension			
		E	F	G	H
84981-4	4	**5.00** .197	**5.00** .197	**7.00** .276	**3.00** .118
84981-5	5	**6.00** .236	**6.00** .236	**8.00** .315	**4.00** .157
84981-6	6	**7.00** .276	**7.00** .276	**9.00** .354	**5.00** .197
84981-7	7	**8.00** .315	**8.00** .315	**10.00** .394	**6.00** .236
84981-8	8	**9.00** .354	**9.00** .354	**11.00** .433	**7.00** .276
84981-9	9	**10.00** .394	**10.00** .394	**12.00** .472	**8.00** .315
1-84981-0	10	**11.00** .433	**11.00** .433	**13.00** .512	**9.00** .354
1-84981-1	11	**12.00** .472	**12.00** .472	**14.00** .551	**10.00** .394
1-84981-2	12	**13.00** .512	**13.00** .512	**15.00** .591	**11.00** .433
1-84981-3	13	**14.00** .551	**14.00** .551	**16.00** .630	**12.00** .472
1-84981-4	14	**15.00** .591	**15.00** .591	**17.00** .669	**13.00** .512
1-84981-5	15	**16.00** .630	**16.00** .630	**18.00** .709	**14.00** .551
1-84981-6	16	**17.00** .669	**17.00** .669	**19.00** .748	**15.00** .591
1-84981-7	17	**18.00** .709	**18.00** .709	**20.00** .787	**16.00** .630
1-84981-8	18	**19.00** .748	**19.00** .748	**21.00** .827	**17.00** .669
1-84981-9	19	**20.00** .787	**20.00** .787	**22.00** .866	**18.00** .709
2-84981-0	20	**21.00** .827	**21.00** .827	**23.00** .906	**19.00** .748
2-84981-1	21	**22.00** .866	**22.00** .866	**24.00** .945	**20.00** .787
2-84981-2	22	**23.00** .906	**23.00** .906	**25.00** .984	**21.00** .827
2-84981-3	23	**24.00** .945	**24.00** .945	**26.00** 1.024	**22.00** .866
2-84981-4	24	**25.00** .984	**25.00** .984	**27.00** 1.063	**23.00** .906
2-84981-5	25	**26.00** 1.024	**26.00** 1.024	**28.00** 1.102	**24.00** .945
2-84981-6	26	**27.00** 1.063	**27.00** 1.063	**29.00** 1.142	**25.00** .984
2-84981-7	27	**28.00** 1.102	**28.00** 1.102	**30.00** 1.181	**26.00** 1.024
2-84981-8	28	**29.00** 1.142	**29.00** 1.142	**31.00** 1.221	**27.00** 1.063
2-84981-9	29	**30.00** 1.181	**30.00** 1.181	**32.00** 1.259	**28.00** 1.102
3-84981-0	30	**31.00** 1.221	**31.00** 1.221	**33.00** 1.299	**29.00** 1.142
3-84981-1	31	**32.00** 1.259	**32.00** 1.259	**34.00** 1.338	**30.00** 1.181
3-84981-2	32	**33.00** 1.299	**33.00** 1.299	**35.00** 1.377	**31.00** 1.221
3-84981-3	33	**34.00** 1.338	**34.00** 1.338	**36.00** 1.417	**32.00** 1.259
3-84981-4	34	**35.00** 1.377	**35.00** 1.377	**37.00** 1.456	**33.00** 1.299
3-84981-5	35	**36.00** 1.417	**36.00** 1.417	**38.00** 1.496	**34.00** 1.338
3-84981-6	36	**37.00** 1.456	**37.00** 1.456	**39.00** 1.535	**35.00** 1.377
3-84981-7	37	**38.00** 1.496	**38.00** 1.496	**40.00** 1.574	**36.00** 1.417
3-84981-8	38	**39.00** 1.535	**39.00** 1.535	**41.00** 1.614	**37.00** 1.456
3-84981-9	39	**40.00** 1.574	**40.00** 1.574	**42.00** 1.653	**38.00** 1.496
4-84981-0	40	**41.00** 1.614	**41.00** 1.614	**43.00** 1.692	**39.00** 1.535

Catalog 1-1773440-6
Revised 05-06

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Dimensions are in millimeters and inches unless otherwise specified. Values in brackets are standard equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

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Japan: 81-44-844-8013
UK: 44-141-810-8967

Product Dimensions (Continued)

1.0 mm, FPC Connector, Non-ZIF, SMT, Right Angle, Bottom Contact

Part Number 1470852
Lead Free 1734798

Material and Finish

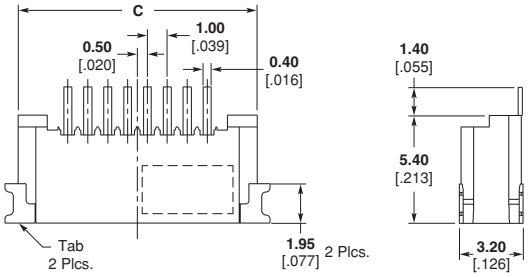
Housing — Thermoplastic, UL 94V-0, black color

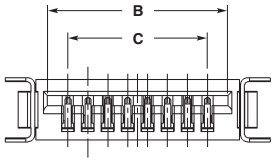
Tabs — Brass

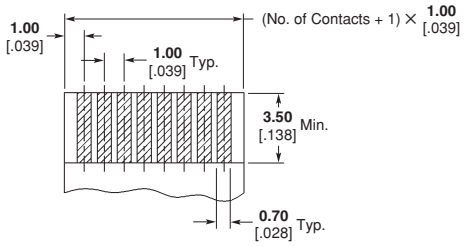
Contact — Phosphor bronze

Technical Documents

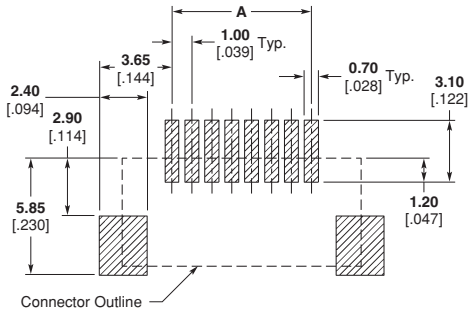
Product Specification — 108-57354







Recommended FPC Layout



Recommended PCB Layout

Catalog 1-1773440-6
Revised 05-06

www.tycoelectronics.com

Dimensions are in millimeters and inches unless otherwise specified. Values in brackets are standard equivalents.

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Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-141-810-8967

Product Dimensions (Continued)

1.0 mm, FPC Connector, Non-ZIF, SMT, Right Angle, Bottom Contact

Part Number 1470852
Lead Free 1734798

Technical Documents
Product Specification — 108-57354

Part Number	Position	Dimension		
		A	B	C
1470852-4	4	**3.00** .118	**5.05** .198	**7.00** .276
1470852-5	5	**4.00** .157	**6.05** .238	**8.00** .315
1470852-6	6	**5.00** .197	**7.05** .277	**9.00** .354
1470852-7	7	**6.00** .236	**8.05** .316	**10.00** .394
1470852-8	8	**7.00** .276	**9.05** .356	**11.00** .433
1470852-9	9	**8.00** .315	**10.05** .395	**12.00** .472
1-1470852-0	10	**9.00** .354	**11.05** .435	**13.00** .512
1-1470852-1	11	**10.00** .394	**12.05** .474	**14.00** .551
1-1470852-2	12	**11.00** .433	**13.05** .513	**15.00** .591
1-1470852-3	13	**12.00** .472	**14.05** .553	**16.00** .630
1-1470852-4	14	**13.00** .512	**15.05** .592	**17.00** .669
1-1470852-5	15	**14.00** .551	**16.05** .631	**18.00** .709
1-1470852-6	16	**15.00** .591	**17.05** .671	**19.00** .748
1-1470852-7	17	**16.00** .630	**18.05** .710	**20.00** .787
1-1470852-8	18	**17.00** .669	**19.05** .750	**21.00** .827
1-1470852-9	19	**18.00** .709	**20.05** .788	**22.00** .866
2-1470852-0	20	**19.00** .748	**21.05** .828	**23.00** .906
2-1470852-1	21	**20.00** .787	**22.05** .857	**24.00** .945
2-1470852-2	22	**21.00** .827	**23.05** .907	**25.00** .984
2-1470852-3	23	**22.00** .866	**24.05** .946	**26.00** 1.024
2-1470852-4	24	**23.00** .906	**25.05** .986	**27.00** 1.063
2-1470852-5	25	**24.00** .945	**26.05** 1.025	**28.00** 1.102
2-1470852-6	26	**25.00** .984	**27.05** 1.064	**29.00** 1.142
2-1470852-7	27	**26.00** 1.024	**28.05** 1.104	**30.00** 1.181
2-1470852-8	28	**27.00** 1.063	**29.05** 1.143	**31.00** 1.220
2-1470852-9	29	**28.00** 1.102	**30.05** 1.183	**32.00** 1.259
3-1470852-0	30	**29.00** 1.142	**31.05** 1.222	**33.00** 1.299

Catalog 1-1773440-6
Revised 05-06

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UK: 44-141-810-8967

Product Dimensions (Continued)

1.0 mm, FFC Connector, Through-Hole, Vertical

Lead Free 84984

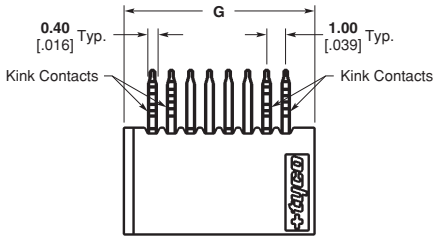
Material and Finish

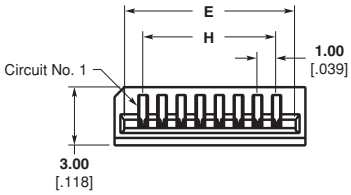
Housing — Glass filled PBT, white color

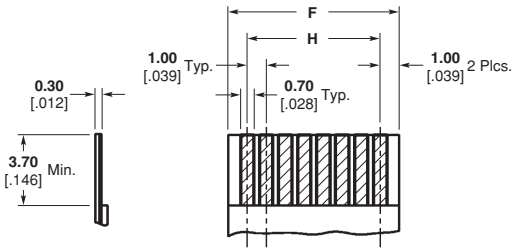
Contact — Phosphor bronze

Technical Documents

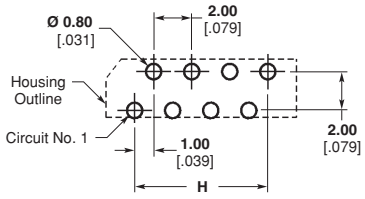
Product Specification — 108-51058



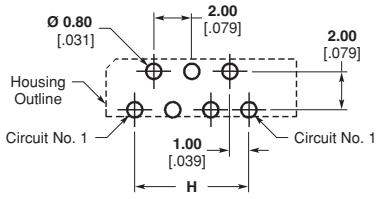




Recommended FPC Layout



Recommended PCB Layout
1.60 [.063] Thickness
(For Even Position Connectors)



Recommended PCB Layout
1.60 [.063] Thickness
(For Odd Position Connectors)

Catalog 1-1773440-6
Revised 05-06

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UK: 44-141-810-8967

1.0 mm, FFC Connector, Through-Hole, Vertical

Lead Free 84984

Technical Documents
Product Specification — 108-51058

Product Dimensions (Continued)

Part Number	No. of Contacts	Dimension			
		E	F	G	H
84984-4	4	**5.00** .197	**5.00** .197	**6.00** .236	**3.00** .118
84984-5	5	**6.00** .236	**6.00** .236	**7.00** .276	**4.00** .157
84984-6	6	**7.00** .276	**7.00** .276	**8.00** .315	**5.00** .197
84984-7	7	**8.00** .315	**8.00** .315	**9.00** .354	**6.00** .236
84984-8	8	**9.00** .354	**9.00** .354	**10.00** .394	**7.00** .276
84984-9	9	**10.00** .394	**10.00** .394	**11.00** .433	**8.00** .315
1-84984-0	10	**11.00** .433	**11.00** .433	**12.00** .472	**9.00** .354
1-84984-1	11	**12.00** .472	**12.00** .472	**13.00** .512	**10.00** .394
1-84984-2	12	**13.00** .512	**13.00** .512	**14.00** .551	**11.00** .433
1-84984-3	13	**14.00** .551	**14.00** .551	**15.00** .591	**12.00** .472
1-84984-4	14	**15.00** .591	**15.00** .591	**16.00** .630	**13.00** .512
1-84984-5	15	**16.00** .630	**16.00** .630	**17.00** .669	**14.00** .551
1-84984-6	16	**17.00** .669	**17.00** .669	**18.00** .709	**15.00** .591
1-84984-7	17	**18.00** .709	**18.00** .709	**19.00** .748	**16.00** .630
1-84984-8	18	**19.00** .748	**19.00** .748	**20.00** .787	**17.00** .669
1-84984-9	19	**20.00** .787	**20.00** .787	**21.00** .827	**18.00** .709
2-84984-0	20	**21.00** .827	**21.00** .827	**22.00** .866	**19.00** .748
2-84984-1	21	**22.00** .866	**22.00** .866	**23.00** .906	**20.00** .787
2-84984-2	22	**23.00** .906	**23.00** .906	**24.00** .945	**21.00** .827
2-84984-3	23	**24.00** .945	**24.00** .945	**25.00** .984	**22.00** .866
2-84984-4	24	**25.00** .984	**25.00** .984	**26.00** 1.024	**23.00** .906
2-84984-5	25	**26.00** 1.024	**26.00** 1.024	**27.00** 1.063	**24.00** .945
2-84984-6	26	**27.00** 1.063	**27.00** 1.063	**28.00** 1.102	**25.00** .984
2-84984-7	27	**28.00** 1.102	**28.00** 1.102	**29.00** 1.142	**26.00** 1.024
2-84984-8	28	**29.00** 1.142	**29.00** 1.142	**30.00** 1.181	**27.00** 1.063
2-84984-9	29	**30.00** 1.181	**30.00** 1.181	**31.00** 1.221	**28.00** 1.102
3-84984-0	30	**31.00** 1.221	**31.00** 1.221	**32.00** 1.259	**29.00** 1.142
3-84984-1	31	**32.00** 1.259	**32.00** 1.259	**33.00** 1.299	**30.00** 1.181
3-84984-2	32	**33.00** 1.299	**33.00** 1.299	**34.00** 1.338	**31.00** 1.221
3-84984-3	33	**34.00** 1.338	**34.00** 1.338	**35.00** 1.377	**32.00** 1.259
3-84984-4	34	**35.00** 1.377	**35.00** 1.377	**36.00** 1.417	**33.00** 1.299
3-84984-5	35	**36.00** 1.417	**36.00** 1.417	**37.00** 1.456	**34.00** 1.338
3-84984-6	36	**37.00** 1.456	**37.00** 1.456	**38.00** 1.496	**35.00** 1.377
3-84984-7	37	**38.00** 1.496	**38.00** 1.496	**39.00** 1.535	**36.00** 1.417
3-84984-8	38	**39.00** 1.535	**39.00** 1.535	**40.00** 1.574	**37.00** 1.456
3-84984-9	39	**40.00** 1.574	**40.00** 1.574	**41.00** 1.614	**38.00** 1.496
4-84984-0	40	**41.00** 1.614	**41.00** 1.614	**42.00** 1.653	**39.00** 1.535

Catalog 1-1773440-6
Revised 05-06

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Dimensions are in millimeters and inches unless otherwise specified. Values in brackets are standard equivalents.

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Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-141-810-8967

Product Dimensions (Continued)

1.0 mm, FFC Connector, Through-Hole, Right Angle

Lead Free 84983

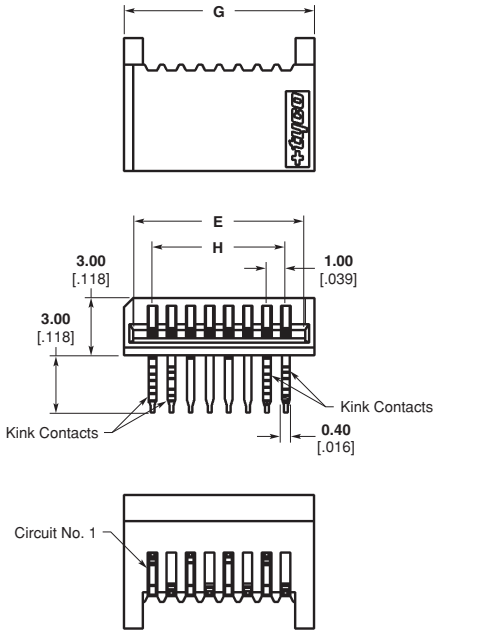
Material and Finish

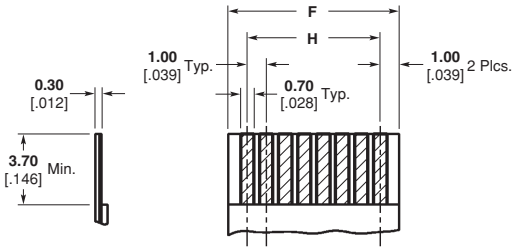
Housing — Glass filled PBT, white color

Contact — Phosphor bronze

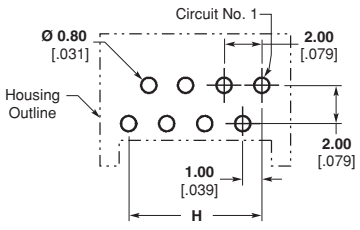
Technical Documents

Product Specification — 108-51058

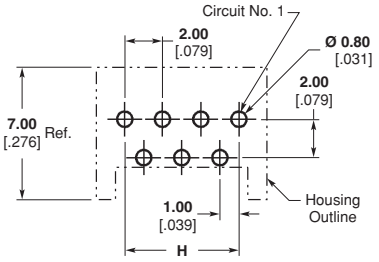




Recommended FPC Layout



Recommended PCB Layout
1.60 [.063] Thickness
(For Even Position Connectors)



Recommended PCB Layout
1.60 [.063] Thickness
(For Odd Position Connectors)

Product Dimensions (Continued)

1.0 mm, FFC Connector, Through-Hole, Right Angle, Top Contack

Lead Free 84983

Technical Documents

Product Specification — 108-51058

Part Number	No. of Contacts	Dimension			
		E	F	G	H
84983-4	4	**5.00** .197	**5.00** .197	**6.00** .236	**3.00** .118
84983-5	5	**6.00** .236	**6.00** .236	**7.00** .276	**4.00** .157
84983-6	6	**7.00** .276	**7.00** .276	**8.00** .315	**5.00** .197
84983-7	7	**8.00** .315	**8.00** .315	**9.00** .354	**6.00** .236
84983-8	8	**9.00** .354	**9.00** .354	**10.00** .394	**7.00** .276
84983-9	9	**10.00** .394	**10.00** .394	**11.00** .433	**8.00** .315
1-84983-0	10	**11.00** .433	**11.00** .433	**12.00** .472	**9.00** .354
1-84983-1	11	**12.00** .472	**12.00** .472	**13.00** .512	**10.00** .394
1-84983-2	12	**13.00** .512	**13.00** .512	**14.00** .551	**11.00** .433
1-84983-3	13	**14.00** .551	**14.00** .551	**15.00** .591	**12.00** .472
1-84983-4	14	**15.00** .591	**15.00** .591	**16.00** .630	**13.00** .512
1-84983-5	15	**16.00** .630	**16.00** .630	**17.00** .669	**14.00** .551
1-84983-6	16	**17.00** .669	**17.00** .669	**18.00** .709	**15.00** .591
1-84983-7	17	**18.00** .709	**18.00** .709	**19.00** .748	**16.00** .630
1-84983-8	18	**19.00** .748	**19.00** .748	**20.00** .787	**17.00** .669
1-84983-9	19	**20.00** .787	**20.00** .787	**21.00** .827	**18.00** .709
2-84983-0	20	**21.00** .827	**21.00** .827	**22.00** .866	**19.00** .748
2-84983-1	21	**22.00** .866	**22.00** .866	**23.00** .906	**20.00** .787
2-84983-2	22	**23.00** .906	**23.00** .906	**24.00** .945	**21.00** .827
2-84983-3	23	**24.00** .945	**24.00** .945	**25.00** .984	**22.00** .866
2-84983-4	24	**25.00** .984	**25.00** .984	**26.00** 1.024	**23.00** .906
2-84983-5	25	**26.00** 1.024	**26.00** 1.024	**27.00** 1.063	**24.00** .945
2-84983-6	26	**27.00** 1.063	**27.00** 1.063	**28.00** 1.102	**25.00** .984
2-84983-7	27	**28.00** 1.102	**28.00** 1.102	**29.00** 1.142	**26.00** 1.024
2-84983-8	28	**29.00** 1.142	**29.00** 1.142	**30.00** 1.181	**27.00** 1.063
2-84983-9	29	**30.00** 1.181	**30.00** 1.181	**31.00** 1.221	**28.00** 1.102
3-84983-0	30	**31.00** 1.221	**31.00** 1.221	**32.00** 1.259	**29.00** 1.142
3-84983-1	31	**32.00** 1.259	**32.00** 1.259	**33.00** 1.299	**30.00** 1.181
3-84983-2	32	**33.00** 1.299	**33.00** 1.299	**34.00** 1.338	**31.00** 1.221
3-84983-3	33	**34.00** 1.338	**34.00** 1.338	**35.00** 1.377	**32.00** 1.259
3-84983-4	34	**35.00** 1.377	**35.00** 1.377	**36.00** 1.417	**33.00** 1.299
3-84983-5	35	**36.00** 1.417	**36.00** 1.417	**37.00** 1.456	**34.00** 1.338
3-84983-6	36	**37.00** 1.456	**37.00** 1.456	**38.00** 1.496	**35.00** 1.377
3-84983-7	37	**38.00** 1.496	**38.00** 1.496	**39.00** 1.535	**36.00** 1.417
3-84983-8	38	**39.00** 1.535	**39.00** 1.535	**40.00** 1.574	**37.00** 1.456
3-84983-9	39	**40.00** 1.574	**40.00** 1.574	**41.00** 1.614	**38.00** 1.496
4-84983-0	40	**41.00** 1.614	**41.00** 1.614	**42.00** 1.653	**39.00** 1.535

Catalog 1-1773440-6
Revised 05-06

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Dimensions are in millimeters and inches unless otherwise specified. Values in brackets are standard equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

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South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-141-810-8967

Product Dimensions (Continued)

1.0 mm, FPC Connector, Non-ZIF, Right-Angle, Bottom Contact, Type B

Part Number 1470790
Lead Free 1734779

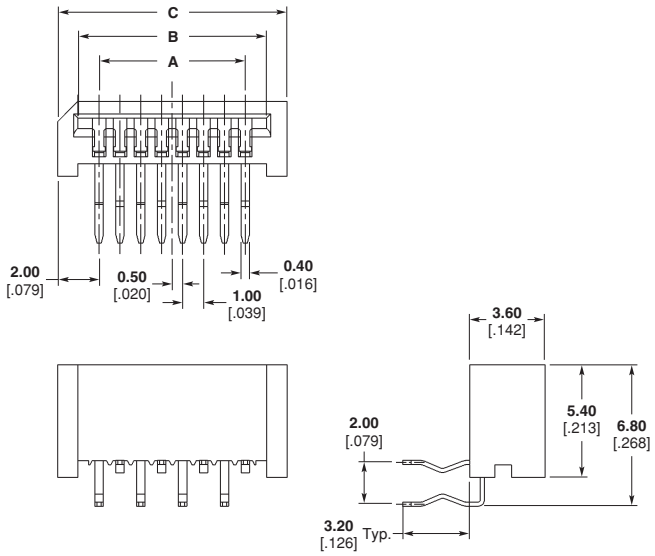
Material and Finish

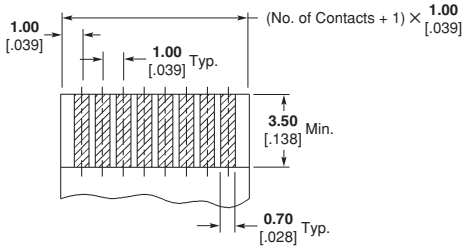
Housing — Thermoplastic, UL 94V-0, black color

Contacts — Phosphor bronze

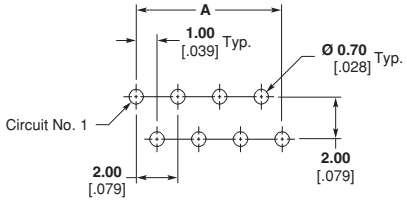
Technical Documents

Product Specification — 108-57354





Recommended FPC Layout



Recommended PCB Layout

Catalog 1-1773440-6
Revised 05-06

www.tycoelectronics.com

Dimensions are in millimeters and inches unless otherwise specified. Values in brackets are standard equivalents.

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Japan: 81-44-844-8013
UK: 44-141-810-8967

Product Dimensions (Continued)

1.0 mm, FPC Connector, Non-ZIF, Right Angle, Bottom Contact, Type B

Part Number 1470790
Lead Free 1734779

Technical Documents
Product Specification — 108-57354

Part Number	No. of Contacts	Dimension		
		A	B	C
1470790-4	4	**3.00** .118	**5.05** .198	**7.00** .276
1470790-5	5	**4.00** .157	**6.05** .238	**8.00** .315
1470790-6	6	**5.00** .197	**7.05** .277	**9.00** .354
1470790-7	7	**6.00** .236	**8.05** .316	**10.00** .394
1470790-8	8	**7.00** .276	**9.05** .356	**11.00** .433
1470790-9	9	**8.00** .315	**10.05** .395	**12.00** .472
1-1470790-0	10	**9.00** .354	**11.05** .435	**13.00** .512
1-1470790-1	11	**10.00** .394	**12.05** .474	**14.00** .551
1-1470790-2	12	**11.00** .433	**13.05** .513	**15.00** .591
1-1470790-3	13	**12.00** .472	**14.05** .553	**16.00** .630
1-1470790-4	14	**13.00** .512	**15.05** .592	**17.00** .669
1-1470790-5	15	**14.00** .551	**16.05** .631	**18.00** .709
1-1470790-6	16	**15.00** .591	**17.05** .671	**19.00** .748
1-1470790-7	17	**16.00** .630	**18.05** .710	**20.00** .787
1-1470790-8	18	**17.00** .669	**19.05** .750	**21.00** .827
1-1470790-9	19	**18.00** .709	**20.05** .788	**22.00** .866
2-1470790-0	20	**19.00** .748	**21.05** .828	**23.00** .906
2-1470790-1	21	**20.00** .787	**22.05** .857	**24.00** .945
2-1470790-2	22	**21.00** .827	**23.05** .907	**25.00** .984
2-1470790-3	23	**22.00** .866	**24.05** .946	**26.00** 1.024
2-1470790-4	24	**23.00** .906	**25.05** .986	**27.00** 1.063
2-1470790-5	25	**24.00** .945	**26.05** 1.025	**28.00** 1.102
2-1470790-6	26	**25.00** .984	**27.05** 1.064	**29.00** 1.142
2-1470790-7	27	**26.00** 1.024	**28.05** 1.104	**30.00** 1.181
2-1470790-8	28	**27.00** 1.063	**29.05** 1.143	**31.00** 1.220
2-1470790-9	29	**28.00** 1.102	**30.05** 1.183	**32.00** 1.259
3-1470790-0	30	**29.00** 1.142	**31.05** 1.222	**33.00** 1.299

Catalog 1-1773440-6
Revised 05-06

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Hong Kong: 852-2735-1628
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Product Dimensions (Continued)

1.25 mm, FFC Connector, Vertical

Lead Free **84534**

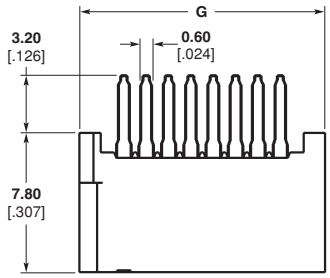
Material and Finish

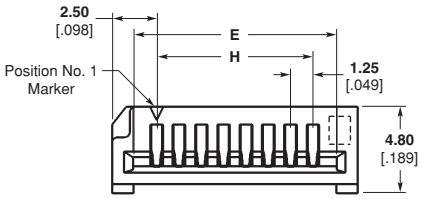
Housing — Glass filled PBT, white color

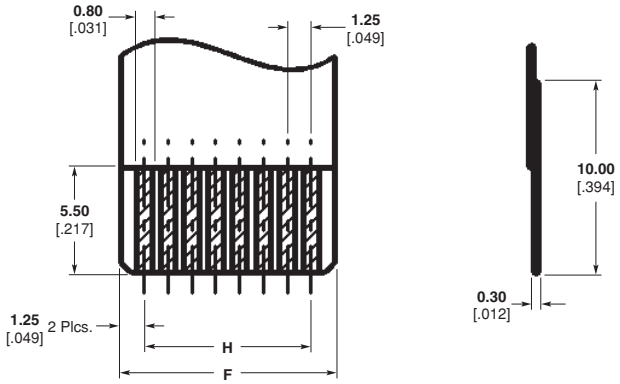
Contact — Phosphor bronze

Technical Documents

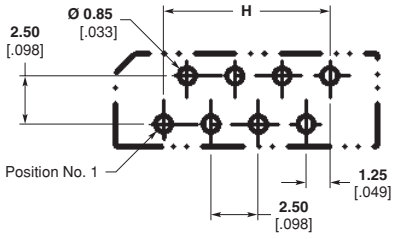
Product Specification — 108-51021







Recommended FFC Layout



Recommended PCB Layout

Catalog 1-1773440-6
Revised 05-06

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Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-141-810-8967

1.25 mm, FFC Connector, Vertical

Lead Free 84534

Technical Documents

Product Specification — 108-51021

Product Dimensions (Continued)

Part Number	No. of Contacts	Dimension			
		E	F	G	H
84534-4	4	**6.40** .251	**6.25** .246	**8.75** .344	**3.75** .147
84534-5	5	**7.65** .301	**7.50** .295	**10.00** .393	**5.00** .196
84534-6	6	**8.90** .350	**8.75** .344	**11.25** .442	**6.25** .246
84534-7	7	**10.15** .399	**10.00** .393	**12.50** .492	**7.50** .295
84534-8	8	**11.40** .448	**11.25** .442	**13.75** .541	**8.75** .344
84534-9	9	**12.65** .498	**12.50** .492	**15.00** .590	**10.00** .393
1-84534-0	10	**13.90** .547	**13.75** .541	**16.25** .639	**11.25** .442
1-84534-1	11	**15.15** .596	**15.00** .590	**17.50** .688	**12.50** .492
1-84534-2	12	**16.40** .645	**16.25** .639	**18.75** .738	**13.75** .541
1-84534-3	13	**17.65** .694	**17.50** .688	**20.00** .787	**15.00** .590
1-84534-4	14	**18.90** .744	**18.75** .738	**21.25** .836	**16.25** .639
1-84534-5	15	**20.15** .793	**20.00** .787	**22.50** .885	**17.50** .688
1-84534-6	16	**21.40** .842	**21.25** .836	**23.75** .935	**18.75** .738
1-84534-7	17	**22.65** .891	**22.50** .885	**25.00** .984	**20.00** .787
1-84534-8	18	**23.90** .940	**23.75** .935	**26.25** 1.033	**21.25** .836
1-84534-9	19	**25.15** .990	**25.00** .984	**27.50** 1.082	**22.50** .885
2-84534-0	20	**26.40** 1.039	**26.25** 1.033	**28.75** 1.131	**23.75** .935
2-84534-1	21	**27.65** 1.088	**27.50** 1.082	**30.00** 1.181	**25.00** .984
2-84534-2	22	**28.90** 1.137	**28.75** 1.131	**31.25** 1.230	**26.25** 1.033
2-84534-3	23	**30.15** 1.187	**30.00** 1.181	**32.50** 1.279	**27.50** 1.082
2-84534-4	24	**31.40** 1.236	**31.25** 1.230	**33.75** 1.328	**28.75** 1.131
2-84534-5	25	**32.65** 1.285	**32.50** 1.279	**35.00** 1.377	**30.00** 1.181
2-84534-6	26	**33.90** 1.334	**33.75** 1.328	**36.25** 1.427	**31.25** 1.230
2-84534-7	27	**35.15** 1.383	**35.00** 1.377	**37.50** 1.476	**32.50** 1.279
2-84534-8	28	**36.40** 1.433	**36.25** 1.427	**38.75** 1.525	**33.75** 1.328
2-84534-9	29	**37.65** 1.482	**37.50** 1.476	**40.00** 1.574	**35.00** 1.377
3-84534-0	30	**38.90** 1.531	**38.75** 1.525	**41.25** 1.624	**36.25** 1.427
3-84534-1	31	**40.15** 1.580	**40.00** 1.574	**42.50** 1.673	**37.50** 1.476
3-84534-2	32	**41.40** 1.629	**41.25** 1.624	**43.75** 1.722	**38.75** 1.525
3-84534-3	33	**42.65** 1.679	**42.50** 1.673	**45.00** 1.771	**40.00** 1.574
3-84534-4	34	**43.90** 1.728	**43.75** 1.722	**46.25** 1.820	**41.25** 1.624
3-84534-5	35	**45.15** 1.777	**45.00** 1.771	**47.50** 1.870	**42.50** 1.673
3-84534-6	36	**46.40** 1.826	**46.25** 1.820	**48.75** 1.919	**43.75** 1.722
3-84534-7	37	**47.65** 1.875	**47.50** 1.870	**50.00** 1.968	**45.00** 1.771
3-84534-8	38	**48.90** 1.925	**48.75** 1.919	**51.25** 2.017	**46.25** 1.820
3-84534-9	39	**50.15** 1.974	**50.00** 1.968	**52.50** 2.066	**47.50** 1.870
4-84534-0	40	**51.40** 2.023	**51.25** 2.017	**53.75** 2.116	**48.75** 1.919

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Product Dimensions (Continued)

1.25 mm, FFC Connector, Right Angle, Top Contact Non-ZIF

Lead Free 84533

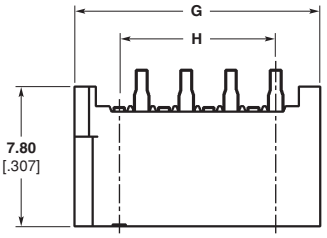
Material and Finish

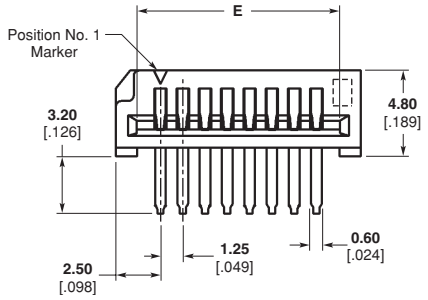
Housing — Glass filled PBT, white color

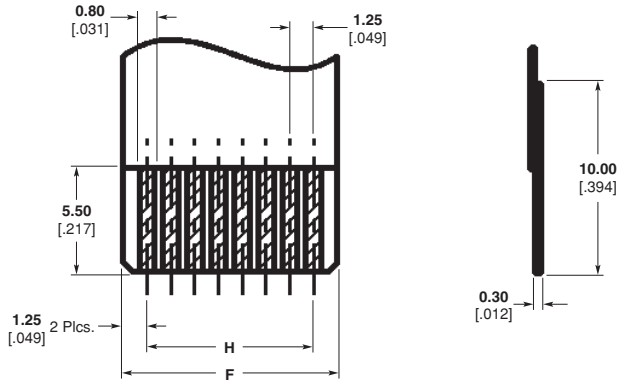
Contact — Post plated tin phosphor bronze

Technical Documents

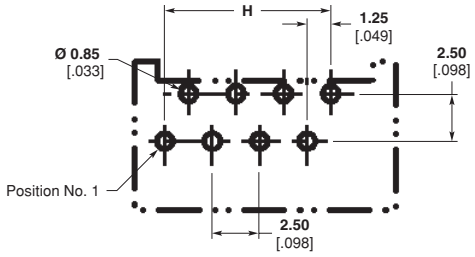
Product Specification — 108-51021







Recommended FFC Layout



Recommended PCB Layout

Catalog 1-1773440-6
Revised 05-06

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Japan: 81-44-844-8013
UK: 44-141-810-8967

1.25 mm, FFC Connector, Right Angle, Top Contact Non-ZIF

Lead Free 84533

Technical Documents
Product Specification — 108-51021

Product Dimensions (Continued)

Part Number	No. of Contacts	Dimension			
		E	F	G	H
84533-4	4	**6.40** .251	**6.25** .246	**8.75** .344	**3.75** .147
84533-5	5	**7.65** .301	**7.50** .295	**10.00** .393	**5.00** .196
84533-6	6	**8.90** .350	**8.75** .344	**11.25** .442	**6.25** .246
84533-7	7	**10.15** .399	**10.00** .393	**12.50** .492	**7.50** .295
84533-8	8	**11.40** .448	**11.25** .442	**13.75** .541	**8.75** .344
84533-9	9	**12.65** .498	**12.50** .492	**15.00** .590	**10.00** .393
1-84533-0	10	**13.90** .547	**13.75** .541	**16.25** .639	**11.25** .442
1-84533-1	11	**15.15** .596	**15.00** .590	**17.50** .688	**12.50** .492
1-84533-2	12	**16.40** .645	**16.25** .639	**18.75** .738	**13.75** .541
1-84533-3	13	**17.65** .694	**17.50** .688	**20.00** .787	**15.00** .590
1-84533-4	14	**18.90** .744	**18.75** .738	**21.25** .836	**16.25** .639
1-84533-5	15	**20.15** .793	**20.00** .787	**22.50** .885	**17.50** .688
1-84533-6	16	**21.40** .842	**21.25** .836	**23.75** .935	**18.75** .738
1-84533-7	17	**22.65** .891	**22.50** .885	**25.00** .984	**20.00** .787
1-84533-8	18	**23.90** .940	**23.75** .935	**26.25** 1.033	**21.25** .836
1-84533-9	19	**25.15** .990	**25.00** .984	**27.50** 1.082	**22.50** .885
2-84533-0	20	**26.40** 1.039	**26.25** 1.033	**28.75** 1.131	**23.75** .935
2-84533-1	21	**27.65** 1.088	**27.50** 1.082	**30.00** 1.181	**25.00** .984
2-84533-2	22	**28.90** 1.137	**28.75** 1.131	**31.25** 1.230	**26.25** 1.033
2-84533-3	23	**30.15** 1.187	**30.00** 1.181	**32.50** 1.279	**27.50** 1.082
2-84533-4	24	**31.40** 1.236	**31.25** 1.230	**33.75** 1.328	**28.75** 1.131
2-84533-5	25	**32.65** 1.285	**32.50** 1.279	**35.00** 1.377	**30.00** 1.181
2-84533-6	26	**33.90** 1.334	**33.75** 1.328	**36.25** 1.427	**31.25** 1.230
2-84533-7	27	**35.15** 1.383	**35.00** 1.377	**37.50** 1.476	**32.50** 1.279
2-84533-8	28	**36.40** 1.433	**36.25** 1.427	**38.75** 1.525	**33.75** 1.328
2-84533-9	29	**37.65** 1.482	**37.50** 1.476	**40.00** 1.574	**35.00** 1.377
3-84533-0	30	**38.90** 1.531	**38.75** 1.525	**41.25** 1.624	**36.25** 1.427
3-84533-1	31	**40.15** 1.580	**40.00** 1.574	**42.50** 1.673	**37.50** 1.476
3-84533-2	32	**41.40** 1.629	**41.25** 1.624	**43.75** 1.722	**38.75** 1.525
3-84533-3	33	**42.65** 1.679	**42.50** 1.673	**45.00** 1.771	**40.00** 1.574
3-84533-4	34	**43.90** 1.728	**43.75** 1.722	**46.25** 1.820	**41.25** 1.624
3-84533-5	35	**45.15** 1.777	**45.00** 1.771	**47.50** 1.870	**42.50** 1.673
3-84533-6	36	**46.40** 1.826	**46.25** 1.820	**48.75** 1.919	**43.75** 1.722
3-84533-7	37	**47.65** 1.875	**47.50** 1.870	**50.00** 1.968	**45.00** 1.771
3-84533-8	38	**48.90** 1.925	**48.75** 1.919	**51.25** 2.017	**46.25** 1.820
3-84533-9	39	**50.15** 1.974	**50.00** 1.968	**52.50** 2.066	**47.50** 1.870
4-84533-0	40	**51.40** 2.023	**51.25** 2.017	**53.75** 2.116	**48.75** 1.919

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