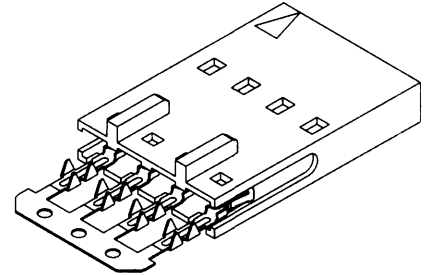


molex® 2.54mm (.100") Pitch SL™

FFC/FPC Connector

70430

Single Row, Female Version D



FFC/FPC Connectors



FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 2 to 25 circuits
- Stackable end-to-end and back-to-back
- Back polarizing ribs prevent the assembly from drifting within the interim clip when another module is removed
- Piercing crimp provides 3 high-pressure interfaces with the conductor
- Terminals preloaded into housing

Reference Information

Product Specification: PS-40556

Packaging: Tube

Tooling Information: See end of section

UL File No.: E29179

CSA File No.: LR19980

Mates With: 70004 single row and 70013 dual row interim clips

Designed In: Inches

Electrical

Voltage: 250V

Current: 2.0A (for Copper conductors)

Contact Resistance: 10mΩ max.

Dielectric Withstanding Voltage: 1500V

Insulation Resistance: 1000 MΩ min.

Mechanical

Contact Retention to Housing: 13.34N (3 lb) min.

Mating Force: 2.22N (.50 lb) max.

Unmating Force: 0.28N (.06 lb) min.

Wire Pull-Out Force: 26.69N (6 lb)

Durability: Tin/Lead—25 cycles max.

Gold—50 cycles max.

Physical

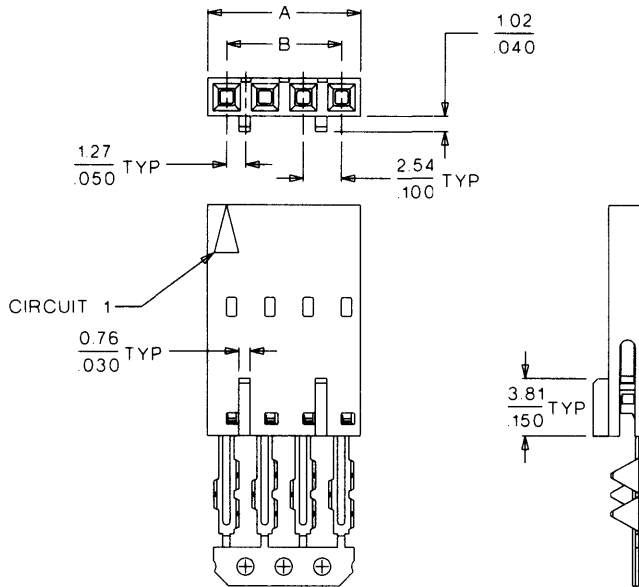
Housing: Polyester, UL 94V-0

Contact: Phosphor Bronze

Plating: See Table

Operating Temperature: -40 to +105°C

CATALOG DRAWING (FOR REFERENCE ONLY)



Note: The circuit 1 indicator for the 70430D will be superseded by the circuit 1 indicator of the 70004 and 70013 interim clips.

ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.			Dimension	
	15μ" Gold	30μ" Gold	150μ" Tin	A	B
2	15-47-4022	15-47-4026	15-38-8029	5.05 (.199)	2.54 (.100)
3	15-47-4032	15-47-4036	15-38-8039	7.59 (.299)	5.08 (.200)
4	15-47-4042	15-47-4046	15-38-8049	10.13 (.399)	7.62 (.300)
5	15-47-4052	15-47-4056	15-38-8059	12.67 (.499)	10.16 (.400)
6	15-47-4062	15-47-4066	15-38-8069	15.21 (.599)	12.70 (.500)
7	15-47-4072	15-47-4076	15-38-8079	17.75 (.699)	15.24 (.600)
8	15-47-4082	15-47-4086	15-38-8089	20.29 (.799)	17.78 (.700)
9	15-47-4092	15-47-4096	15-38-8099	22.83 (.899)	20.32 (.800)
10	15-47-4102	15-47-4106	15-38-8109	25.37 (.999)	22.86 (.900)
11	15-47-4112	15-47-4116	15-38-8119	27.91 (1.099)	25.40 (1.000)
12	15-47-4122	15-47-4126	15-38-8129	30.45 (1.199)	27.94 (1.100)
13	15-47-4132	15-47-4136	15-38-8139	32.99 (1.299)	30.48 (1.200)

Circuits	Order No.			Dimension	
	15μ" Gold	30μ" Gold	150μ" Tin	A	B
14	15-47-4142	15-47-4146	15-38-8149	35.53 (1.399)	33.02 (1.300)
15	15-47-4152	15-47-4156	15-38-8159	38.07 (1.499)	35.56 (1.400)
16	15-47-4162	15-47-4166	15-38-8169	40.61 (1.599)	38.10 (1.500)
17	15-47-4172	15-47-4176	15-38-8179	43.15 (1.699)	40.64 (1.600)
18	15-47-4182	15-47-4186	15-38-8189	45.69 (1.799)	43.18 (1.700)
19	15-47-4192	15-47-4196	15-38-8199	48.23 (1.899)	45.72 (1.800)
20	15-47-4202	15-47-4206	15-38-8209	50.77 (1.999)	48.26 (1.900)
21	15-47-4212	15-47-4216	15-38-8219	53.31 (2.099)	50.80 (2.000)
22	15-47-4222	15-47-4226	15-38-8229	55.85 (2.199)	53.34 (2.100)
23	15-47-4232	15-47-4236	15-38-8239	58.39 (2.299)	55.88 (2.200)
24	15-47-4242	15-47-4246	15-38-8249	60.93 (2.399)	58.42 (2.300)
25	15-47-4252	15-47-4256	15-38-8259	63.47 (2.499)	60.96 (2.400)