

3.00 mm. DUAL ROW MICRO POWER HOUS.



5740 SERIES. 3.00 mm. (0.118") pitch. Plug / Receptacle housing.

General Features

- Available in 2 through 24 circuits
- Mates with 5740 crimp housing and pin headers 5745, 5746, 5755, 5756, 5757, 5758, 5759 and 5760 series.
- With positive locking system (Optional metal latch)
- Use crimp terminal 5741 and 5742 series
- Allows wire to wire and wire to PCB connections
- Applicable panel thickness: 0.80 to 2.0 mm

Materials

- Insulator: PA66 UL 94 V-0
- Operating temperature: -40°C to +105°C
- RoHS compliant

Dimensional Information

Electrical Features

- Voltage rating: < 250V
- Current rating: < 5 A
- Contact resistance: < 10 mΩ
- Dielectric withstanding voltage: 500 V AC/minute
- Insulation resistance: >1000 MΩ

Mechanical Features

- Contact retention force to the housing: < 3.0 Kgf
- Insertion force to header: < 0.70 Kgf/pin
- Withdrawal force from header: < 0.15 Kgf/pin
- Durability: 25 cycles

CIRCUITS	Current Max.	Voltage max.	Part Number			Dimensions		
			RECEPTACLE		PLUG	A	B	C
			Standard	Metal latch	Standard			
2	5 A	250	5740 - 1021	5740 - 1022	5740 - 2021	-	3.90 (0.154)	4.09 (0.161)
4	5 A	250	5740 - 1041	5740 - 1042	5740 - 2041	3.00 (0.118)	6.90 (0.272)	7.09 (0.279)
6	5 A	250	5740 - 1061	5740 - 1062	5740 - 2061	6.00 (0.236)	9.90 (0.390)	10.08 (0.397)
8	5 A	250	5740 - 1081	5740 - 1082	5740 - 2081	9.00 (0.354)	12.90 (0.508)	13.08 (0.515)
10	5 A	250	5740 - 1101	5740 - 1102	5740 - 2101	12.00 (0.472)	15.90 (0.626)	16.06 (0.633)
12	5 A	250	5740 - 1121	5740 - 1122	5740 - 2121	15.00 (0.591)	18.90 (0.744)	19.08 (0.751)
14	5 A	250	5740 - 1141	5740 - 1142	5740 - 2141	18.00 (0.709)	21.90 (0.862)	22.07 (0.869)
16	5 A	250	5740 - 1161	5740 - 1162	5740 - 2161	21.00 (0.827)	24.90 (0.980)	25.07 (0.967)
18	5 A	250	5740 - 1181	5740 - 1182	5740 - 2181	24.00 (0.945)	27.90 (1.098)	28.07 (1.105)
20	5 A	250	5740 - 1201	5740 - 1202	5740 - 2201	27.00 (1.063)	30.90 (1.217)	31.06 (1.223)
22	5 A	250	5740 - 1221	5740 - 1222	5740 - 2221	30.00 (1.181)	33.90 (1.335)	34.06 (1.341)
24	5 A	250	5740 - 1241	5740 - 1242	5740 - 2241	33.00 (1.299)	36.90 (1.453)	37.06 (1.459)

