

# Molex Mini-Lock ?? & Mouser ????

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**Molex Mini-Lock** [ ] **2-15PIN** [ ] **Mouser** [ ] [ ] **2.5mm** [ ] [ ] **3.5A** [ ] -  
**40°C~+105°C** [ ]

1. SMT Headers [ ] [ ] [ ] [ ]
2. [ ] [ ] (Receptacle Housing)
3. TPA [ ] [ ] (Terminal Position Assurance)
4. [ ] [ ] (Crimp Terminals)
5. [ ] [ ] [ ] [ ]

![[image](https://hackmd.io/\_uploads/HkPbBuvDgl.png =320x) |  
![[image](https://hackmd.io/\_uploads/rjOSr\_PDge.png =300x)

## 1. SMT Headers (2.5mm ????????????)

<b>PIN</b> [ ]	<b>[ ] [ ] (Vertical)</b> <b>215931</b> [ ] [ ]	<b>Mouser</b> [ ] [ ]	<b>[ ] [ ] (Right Angle)</b> <b>215932</b> [ ] [ ]	<b>Mouser</b> [ ] [ ]
2	215931-0270	538-215931-0270	215932-0270	538-215932-0270
3	215931-0370	538-215931-0370	215932-0370	538-215932-0370
4	215931-0470	538-215931-0470	215932-0470	538-215932-0470
5	215931-0570	538-215931-0570	215932-0570	538-215932-0570
6	215931-0670	538-215931-0670	215932-0670	538-215932-0670
7	215931-0770	538-215931-0770	215932-0770	538-215932-0770
8	215931-0870	538-215931-0870	215932-0870	538-215932-0870
9	215931-0970	538-215931-0970	215932-0970	538-215932-0970

<b>PIN</b>	<b> (Vertical) 215931</b>	<b>Mouser</b>	<b> (Right Angle) 215932</b>	<b>Mouser</b>
10	215931-1070	538-215931-1070	215932-1070	538-215932-1070
11	215931-1170	538-215931-1170	215932-1170	538-215932-1170
12	215931-1270	538-215931-1270	215932-1270	538-215932-1270
13	215931-1370	538-215931-1370	215932-1370	538-215932-1370
14	215931-1470	538-215931-1470	215932-1470	538-215932-1470
15	215931-1570	538-215931-1570	215932-1570	538-215932-1570

## 2. (Receptacle Housing) — 51163

<b>PIN</b>	<b>Natural ( )</b>	<b>Mouser</b>	<b>Black ( )</b>	<b>Mouser</b>
2	51163-0200	538-51163-0200	51163-0241	538-51163-0241
3	51163-0300	538-51163-0300	51163-0341	538-51163-0341
4	51163-0400	538-51163-0400	51163-0441	538-51163-0441
5	51163-0500	538-51163-0500	51163-0541	538-51163-0541
6	51163-0600	538-51163-0600	51163-0641	538-51163-0641
7	51163-0700	538-51163-0700	51163-0741	538-51163-0741
8	51163-0800	538-51163-0800	51163-0841	538-51163-0841
9	51163-0900	538-51163-0900	51163-0941	538-51163-0941
10	51163-1000	538-51163-1000	51163-1041	538-51163-1041
11	51163-1100	538-51163-1100	51163-1141	538-51163-1141
12	51163-1200	538-51163-1200	51163-1241	538-51163-1241
13	51163-1300	538-51163-1300	51163-1341	538-51163-1341
14	51163-1400	538-51163-1400	51163-1441	538-51163-1441
15	51163-1500	538-51163-1500	51163-1541	538-51163-1541

## 3. TPA (Terminal Position Assurance) — 51164

PIN	TPA	Mouser
2	51164-0205	538-51164-0205
3	51164-0305	538-51164-0305
4	51164-0405	538-51164-0405
5	51164-0505	538-51164-0505
6	51164-0605	538-51164-0605
7	51164-0705	538-51164-0705
8	51164-0805	538-51164-0805
9	51164-0905	538-51164-0905
10	51164-1005	538-51164-1005
11	51164-1105	538-51164-1105
12	51164-1205	538-51164-1205
13	51164-1305	538-51164-1305
14	51164-1405	538-51164-1405
15	51164-1505	538-51164-1505

## 4. (Crimp Terminals) — 50752

		Mouser
22-20 AWG Female	50752-8200	538-50752-8200
24-26 AWG Female	50752-8400	538-50752-8400

## 5. ???????

	Mouser
63811-8100	538-63811-8100



## ????

- **SMT Headers** PCB
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