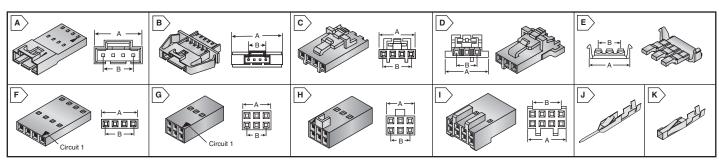
# MOLEX 2.54mm / .100" SL™ Connectors





## 2.54mm (.100") SL™ WIRE TO WIRE CRIMP HOUSINGS

- Housing: Black glass-filled polyester, UL94V-0
   Mounting ears for insertion into .030" to .090" thick panels
- Locking crown secures positive latch to connector
   Operating Temperature: -40°C to +105°C
   RoHS compliant per Molex documentation
- LR19980 E29179

Series: 70107

RoHS Compliant Polarized For quantities of 1000 and up, call for quote

MOUSER	Molex	Fig.	No. of	Dimensions: in.		Price Each				
STOCK NO.	Part No.	li ig.	Gircuits	Α	В	1	10	100	500	
Single Row, No Mounting Ears										
538-70107-0001	70107-0001	Α	2	.280	.100	.95	.71	.55	.49	
538-70107-0002	70107-0002	Α	3	.380	.200	.93	.75	.66	.48	
538-70107-0003	70107-0003	Α	4	.480	.300	.97	.79	.65	.54	
538-70107-0004	70107-0004	Α	5	.580	.400	1.08	.89	.71	.59	
538-70107-0005	70107-0005	Α	6	.680	.500	1.45	1.16	.94	.78	
538-70107-0006	70107-0006	Α	7	.780	.600	1.45	1.13	.94	.78	
538-70107-0007	70107-0007	Α	8	.880	.700	1.56	1.03	.94	.78	
538-70107-0008	70107-0008	Α	9	.980	.800	1.45	1.15	.91	.75	
538-70107-0011	70107-0011	Α	12	1.280	1.100	1.71	1.40	1.08	.84	
538-70107-0013	70107-0013	Α	14	1.480	1.300	1.56	1.36	1.06	.92	
Single Row, Mour	nting Ears									
538-70107-0036	70107-0036	В	2	.650	.100	1.13	.96	.88	.79	
538-70107-0037	70107-0037	В	3	.750	.200	.84	.75	.71	.68	
538-70107-0038	70107-0038	В	4	.850	.300	.99	.84	.76	.70	
538-70107-0039	70107-0039	В	5	.950	.400	.89	.75	.69	.62	
538-70107-0040	70107-0040	В	6	1.050	.500	1.68	1.51	1.36	1.23	

# 2.54mm (.100") SL™ CRIMP HOUSINGS

- Housing: Black glass-filled polyester, UL 94V-0
- TPA: White glass-filled polyester, UL94V-0
  Positive Latch: Secures connectors to locking crown
- of mating connector
- TPA Piece: Eliminates terminal blackout when TPA is locked into place
   Non-polarized: End to end and side to side stackable.

# .97



- LR19980 E29179 RoHS Compliant Operating Temperature: -40°C to 105°C
- Series 70066 and 73838
   RoHS compliant per Molex documentation

88-50-57-9403	Non-polarized: End t	o end and side to si	de stad	ckable	For quantities of 1000 and up, call for				r quote	
STOCK NO.   Part No.   Circuits   A   B   1   10   100   500			Eia		Dimens	ions: in.	Price Each			
38-50-57-9402   50-57-9402   C   2   .199   .100   .44   .35   .28   .22	STOCK NO.	Part No.	Fig.	Circuits	Α	В	1	10	100	500
88-50-57-9403	Single Row, Posi	tive Latch								
38-50-57-9404 50-57-9404 C 4 3.99 3.00 .43 .34 .28 .23 38-50-57-9406 50-57-9405 C 5 .499 .400 .56 .44 .37 .29 38-50-57-9406 50-57-9406 C 6 .599 .500 .63 .52 .43 .33 38-50-57-9407 C 7 .699 .600 .74 .60 .45 .35 38-50-57-9408 50-57-9408 C 8 .799 .700 .80 .64 .53 .42 38-50-57-9409 50-57-9409 C 9 .899 .800 .81 .64 .53 .42 38-50-57-9410 50-57-9410 C 10 .999 .900 .94 .74 .62 .51 38-50-57-9411 50-57-9411 C 11 1.099 1.000 .91 .72 .59 .48 38-50-57-9412 50-57-9412 C 12 1.199 1.100 .75 .60 .50 .40 38-50-57-9416 50-57-9416 C 16 1.599 1.500 1.04 .93 .80 .70 .40 .83 .50 .57-9416 50-57-9416 C 16 1.599 1.500 1.04 .93 .80 .70 .40 .83 .50 .57-9702 50-57-9703 D 3 .297 .200 .48 .41 .36 .32 .38 .50 .57-9704 50-57-9704 D 4 .397 .300 .45 .42 .39 .37 .38 .50 .57-9705 50-57-9706 D 5 .497 .400 .71 .64 .58 .52 .38 .50 .57-9708 50-57-9706 D 6 .597 .600 .67 .47 .46 .42 .38 .50 .57-9708 50-57-9706 D 6 .597 .600 .67 .47 .46 .42 .38 .50 .57-9708 50-57-9708 D 8 .79708 D 8 .79	538-50-57-9402	50-57-9402		2	.199	.100	.44	.35	.28	.22
38-50-57-9405	538-50-57-9403	50-57-9403	C	3	.299	.200	.31	.24	.20	.16
88-50-57-9406   50-57-9406   C   6   .599   .500   .63   .52   .43   .33   88-50-57-9407   50-57-9407   C   7   .699   .600   .74   .60   .45   .35   88-50-57-9408   50-57-9409   C   8   .799   .700   .80   .64   .53   .42   88-50-57-9409   50-57-9409   C   9   .899   .800   .81   .64   .54   .41   88-50-57-9410   50-57-9410   C   10   .999   .900   .94   .74   .62   .51   88-50-57-9412   50-57-9411   C   11   1.099   1.000   .91   .72   .59   .48   88-50-57-9412   50-57-9414   C   12   1.199   1.100   .75   .60   .50   .40   88-50-57-9416   50-57-9416   C   16   1.599   1.500   1.04   .93   .80   .70   88-50-57-9416   50-57-9416   C   16   1.599   1.500   1.04   .93   .80   .70   88-50-57-9416   50-57-9702   D   2   .197   .100   .40   .36   .34   .31   88-50-57-9702   50-57-9703   D   3   .297   .200   .48   .41   .36   .32   .35   .50   .57-9703   D   .47   .400   .71   .64   .58   .52   .53   .50   .57-9705   .50   .57-9706   D   6   .597   .500   .67   .48   .43   .43   .35   .35   .50   .57-9707   .50   .57-9707   D   7   .697   .600   .67   .48   .43   .43   .43   .35   .50   .57-9708   D   8   .797   .700   .70   .61   .54   .50	538-50-57-9404	50-57-9404	С	4	.399	.300	.43	.34	.28	.23
88-50-57-9407   50-57-9407   C   7   6.99   6.00   .74   6.60   .45   .35   .	538-50-57-9405	50-57-9405	С	5	.499	.400	.56	.44	.37	.29
88-50-57-9408	538-50-57-9406	50-57-9406	С	6	.599	.500	.63	.52	.43	.33
88-50-57-9409	538-50-57-9407	50-57-9407	С	7	.699	.600	.74	.60	.45	.35
88-50-57-9410	538-50-57-9408	50-57-9408	С	8	.799	.700	.80	.64	.53	.42
88-50-57-9411	538-50-57-9409	50-57-9409	С	9	.899	.800	.81	.64	.54	.41
88-50-57-9412	538-50-57-9410	50-57-9410	C	10	.999	.900	.94	.74	.62	.51
88-50-57-9412	538-50-57-9411	50-57-9411	C	11	1.099	1.000	.91	.72	.59	.48
Section   Sec	538-50-57-9412	50-57-9412	C	12	1.199	1.100	.75	.60	.50	.40
Ingle Row TPA, Positive Latch 38-50-57-9702   50-57-9702   D   2   1.197   1.100   .40   .36   .34   .31   38-50-57-9703   50-57-9703   D   3   .297   .200   .48   .41   .36   .32   38-50-57-9704   50-57-9705   D   3   .297   .200   .48   .41   .36   .32   38-50-57-9705   50-57-9705   D   5   .497   .400   .71   .64   .58   .52   38-50-57-9705   50-57-9706   D   6   .597   .500   .67   .47   .46   .42   .38   38-50-57-9706   50-57-9706   D   6   .597   .500   .67   .47   .46   .43   .42   .38   38-50-57-9707   50-57-9708   D   8   .797   .700   .70   .61   .54   .50    PA (Terminal Position Assurance) Piece 38-73838-0002   73838-0002   E   2   .259   .100   .17   .15   .14   .13   .38-73838-0003   .73838-0002   E   4   .459   .300   .21   .20   .19   .18   .17   .16   .38-73838-0004   .73838-0005   E   5   .559   .400   .22   .21   .20   .19   .18   .38-73838-0006   .73838-0005   E   5   .559   .400   .22   .21   .20   .20   .38-73838-0007   .73838-0007   E   7   .759   .600   .26   .24   .22   .21   .38-73838-0008   .73838-0008   E   8   .859   .700   .28   .27   .26   .25	538-50-57-9414	50-57-9414	C	14	1.399	1.300	.99	.85	.74	.64
38-50-57-9702	538-50-57-9416	50-57-9416	C	16	1.599	1.500	1.04	.93	.80	.70
88-50-57-9703	Single Row TPA,	Positive Latch								
88-50-57-9704 50-57-9704 D 4 .397 .300 .45 .42 .39 .37 .38-50-57-9705 50-57-9705 D 5 .497 .400 .71 .64 .58 .52 .38-50-57-9706 50-57-9706 D 6 .597 .500 .67 .47 .46 .42 .38-50-57-9707 50-57-9707 D 7 .697 .600 .67 .48 .435 .422 .38-50-57-9708 50-57-9708 D 8 .797 .700 .70 .61 .54 .504 .504 .38-73838-0002 /73838-0002	538-50-57-9702	50-57-9702	D	2	.197	.100	.40	.36	.34	.31
88-50-57-9705	538-50-57-9703	50-57-9703	D	3	.297	.200	.48	.41	.36	.32
88-50-57-9706 50-57-9706 D 6 .597 .500 .67 .47 .46 .42 .86-57-9707 50-57-9707 D 7 .697 .600 .67 .48 .435 .42: .88-50-57-9708 50-57-9708 D 8 .797 .700 .70 .61 .54 .50: .50: .50-57-9708 50-57-9708 D 8 .797 .700 .70 .61 .54 .50: .50: .50: .50: .50: .50: .50: .50:	538-50-57-9704	50-57-9704	D	4	.397	.300	.45	.42	.39	.37
88-50-57-9707   50-57-9708   D   7   .697   .600   .67   .48   .435   .422   .338-50-57-9708   50-57-9708   D   8   .797   .700   .70   .61   .54   .500   .57-9708   .50-57-9708   D   8   .797   .700   .70   .61   .54   .500	538-50-57-9705	50-57-9705	D	5	.497	.400	.71	.64	.58	.52
Section   Sect	538-50-57-9706	50-57-9706	lъ	6	.597	.500	.67	.47	.46	.42
PA (Terminal Position Assurance) Piece  88-73838-0002	538-50-57-9707	50-57-9707	lъ	7	.697	.600	.67	.48	.435	.42
88-73838-0002	538-50-57-9708	50-57-9708	D	8	.797	.700	.70	.61	.54	.504
88-73838-0003	TPA (Terminal Po	sition Assurance	e) Pi	ece						
38-73838-0004         73838-0004         E         4         .459         .300         .21         .20         .19         .18           38-73838-0006         73838-0005         E         5         .559         .400         .22         .21         .20         .19         .18           38-73838-0006         73838-0007         E         5         .559         .400         .23         .22         .21         .20           38-73838-0007         73838-0007         E         7         .759         .600         .26         .24         .22         .21           38-73838-0008         T3838-0008         E         8         .859         .700         .28         .27         .26         .25           ingle Row, Non-Polarized         3         .299         .100         .53         .47         .31         .24           38-50-57-9003         50-57-9003         F         3         .299         .200         .67         .58         .38         .30           38-50-57-9004         50-57-9004         F         4         .399         .300         .72         .62         .41         .33           38-50-57-9005         50-57-9006         F         5	538-73838-0002	73838-0002	ľΕ	2	.259	.100	.17	.15	.14	.13
38-73838-0005         73838-0005         E         5         .559         .400         .22         .21         .20         .19           38-73838-0006         73838-0006         E         6         .659         .500         .23         .22         .21         .20           38-73838-0007         73838-0007         E         7         .759         .600         .26         .24         .22         .21           38-73838-0008         73838-0008         E         8         .859         .700         .28         .27         .26         .25           ingle Row, Non-Polarized           38-50-57-9002         50-57-9002         F         2         .199         .100         .53         .47         .31         .24           38-50-57-9003         50-57-9004         F         3         .299         .200         .67         .58         .38         .30           38-50-57-9004         50-57-9005         50-57-9005         F         5         .499         .400         .73         .63         .42         .33           38-50-57-9006         50-57-9006         F         6         .599         .500         .79         .68         .45         .36 <td>538-73838-0003</td> <td>73838-0003</td> <td>E</td> <td>3</td> <td>.359</td> <td>.200</td> <td>.19</td> <td>.18</td> <td>.17</td> <td>.16</td>	538-73838-0003	73838-0003	E	3	.359	.200	.19	.18	.17	.16
38-73838-0006         73838-0006         E         6         .659         .500         .23         .22         .21         .20           38-73838-0007         73838-0007         E         7         .759         .600         .26         .24         .22         .21           38-73838-0008         T3838-0008         E         8         .859         .700         .28         .27         .26         .25           38-50-57-9002         50-57-9002         F         2         .199         .100         .53         .47         .31         .24           38-50-57-9003         50-57-9003         F         3         .299         .200         .67         .58         .38         .30           38-50-57-9004         50-57-9004         F         4         .399         .300         .72         .62         .41         .33           38-50-57-9006         50-57-9006         F         5         .499         .400         .73         .63         .42         .33           38-50-57-9006         50-57-9006         F         6         .599         .500         .79         .68         .45         .36	538-73838-0004	73838-0004	E	4	.459	.300	.21	.20	.19	.18
88-73838-0007	538-73838-0005	73838-0005	E	5	.559	.400	.22	.21	.20	.19
38-73838-0008         73838-0008         E         8         .859         .700         .28         .27         .26         .25           ingle Row, Non-Polarized         88-50-57-9002         50-57-9002         F         2         .199         .100         .53         .47         .31         .24           38-50-57-9003         50-57-9003         F         3         .299         .200         .67         .58         .38         .30           38-50-57-9004         50-57-9004         F         4         .399         .300         .72         .62         .41         .33           38-50-57-9005         50-57-9005         F         5         .499         .400         .73         .63         .42         .33           38-50-57-9006         50-57-9006         F         6         .599         .500         .79         .68         .45         .36	538-73838-0006	73838-0006	E	6	.659	.500	.23	.22	.21	.20
Ingle Row, Non-Polarized  38-50-57-9002   50-57-9002   F   2   1.199   1.100   .53   .47   .31   .24    38-50-57-9003   50-57-9003   F   3   2.299   2.200   .67   .58   .38   .39    38-50-57-9004   50-57-9004   F   4   .399   .300   .72   .62   .41   .33    38-50-57-9005   50-57-9005   F   5   .499   .400   .73   .63   .42   .33    38-50-57-9006   50-57-9006   F   6   .599   .500   .79   .68   .45   .36	538-73838-0007	73838-0007	E	7	.759	.600	.26	.24	.22	.21
ingle Row, Non-Polarized 38-50-57-9002   50-57-9002   F   2   1.199   1.100   .53   .47   .31   .24   .38-50-57-9003   50-57-9003   F   3   .299   .200   .67   .58   .38   .38   .38   .38   .36   .36   .50-57-9004   F   4   .399   .300   .72   .62   .41   .33   .38-50-57-9005   50-57-9005   F   5   .499   .400   .73   .63   .42   .33   .38-50-57-9006   50-57-9006   F   6   .599   .500   .79   .68   .45   .36	538-73838-0008	73838-0008	lε	8	.859	.700	.28	.27	.26	.25
38-50-57-9003         50-57-9003         F         3         .299         .200         .67         .58         .38         .30           38-50-57-9004         50-57-9004         F         4         .399         .300         .72         .62         .41         .33           38-50-57-9005         50-57-9005         F         5         .499         .400         .73         .63         .42         .33           38-50-57-9006         50-57-9006         F         6         .599         .500         .79         .68         .45         .36	Single Row, Non-	Polarized				•	•			
38-50-57-9003	538-50-57-9002		F	2	.199	.100	.53	.47	.31	.24
38-50-57-9005 50-57-9006 F 5 .499 .400 .73 .63 .42 .33 38-50-57-9006 50-57-9006 F 6 .599 .500 .79 .68 .45 .36	538-50-57-9003	50-57-9003	F		.299	.200	.67	.58	.38	.30
88-50-57-9005   50-57-9005   F   5   .499   .400   .73   .63   .42   .33   .38-50-57-9006   50-57-9006   F   6   .599   .500   .79   .68   .45   .36	538-50-57-9004	50-57-9004	F	4	.399	.300	.72	.62	.41	.33
<b>38-50-57-9006</b>   50-57-9006   F   6   .599   .500   <b>.79</b>   <b>.68</b>   <b>.45</b>   <b>.36</b>	538-50-57-9005	50-57-9005	lΕ	5				.63	.42	
	538-50-57-9006									
	538-50-57-9007	50-57-9007	l F	7	.699	.600	.85	.72	.49	.41
	538-50-57-9008		l F							

### 2.54mm (.100") SL™ CRIMP HOUSINGS (Cont.)

- Housing: Black glass-filled polyester, UL94V-0
   Non-Polarized: End to end and side to side stackable
- Polarized: Mates with dual low profile shrouded headers Operating Temperature: -40°C to +105°C
- Series 70450
- RoHS compliant per Molex documentation



For quantities of 1000 and up, call for quote.

MOUSER	Molex	Fig.	No. of	Dimensions: in.		Price Each			
STOCK NO.	Part No.	ı ıg.	Circuits	Α	В	1	10	100	500
Dual Row, Non-Po	olarized								
538-22-55-2041	22-55-2041	G	4	.199	.100	1.94	1.66	1.26	.99
538-22-55-2061	22-55-2061	G	6	.299	.200	1.62	1.45	.99	.89
538-22-55-2081	22-55-2081	G	8	.399	.300	2.20	1.98	1.32	1.01
538-22-55-2101	22-55-2101	G	10	.499	.400	2.24	2.05	1.36	1.10
538-22-55-2121	22-55-2121	G	12	.599	.500	2.22	1.96	1.56	1.24
538-22-55-2141	22-55-2141	G	14	.699	.600	2.69	2.40	1.57	1.29
538-22-55-2161	22-55-2161	G	16	.699	.600	2.65	2.09	1.35	1.15
538-22-55-2181	22-55-2181	G	18	.899	.800	2.30	1.89	1.60	1.40
538-22-55-2201	22-55-2201	G	20	.999	.900	2.89	2.39	1.65	1.27
538-22-55-2261	22-55-2261	G	26	1.299	1.200	2.77	2.45	2.09	1.82
538-22-55-2301	22-55-2301	G	30	1.499	1.400	3.15	2.90	2.06	1.69
538-22-55-2401	22-55-2401	G	40	1.999	1.900	3.99	3.55	2.41	1.90
538-22-55-2501	22-55-2501	G	50	2.499	2.400	4.25	3.75	2.73	2.22
Dual Row, Polariz	ed, Version B								
538-22-55-2062	22-55-2062	Н	6	.299	.200	1.88	1.52	1.21	.84
538-22-55-2082	22-55-2082	Н	8	.399	.300	1.88	1.52	1.21	.88
538-22-55-2102	22-55-2102	Н	10	.499	.400	1.54	1.26	1.06	.76
538-22-55-2122	22-55-2122	Н	12	.599	.500	1.46	1.25	1.02	.792
538-22-55-2142	22-55-2142	Н	14	.699	.600	1.94	1.65	1.42	1.06
538-22-55-2162	22-55-2162	Н	16	.799	.700	2.27	1.93	1.41	1.05
Dual Row, Polariz									
538-22-56-6087	22-56-6087	1	8	.399	.300	1.62	1.44	1.14	1.01
538-22-56-6107	22-56-6107	1	10	.499	.400	2.49	2.13	1.60	1.31
538-22-56-6127B	22-56-6127	1	12	.599	.500	1.37	1.17	1.06	.99
538-22-56-6167	22-56-6167	1	16	.799	.700	1.88	1.54	1.40	1.24
538-22-56-6207	22-56-6207	1	20	.999	.900	3.15	2.70	2.03	1.67

## **CRIMP TERMINALS**

- · Dual tab strain relief
- Locking tang secures terminal in housing
   Phosphor bronze
- Voltage: 250V
   Current: 3.0A
- Operating Temperature: -40°C to +105°C
  Male use with series 70107
  Female use with series 70066 and 70450
- · RoHS compliant per Molex documentation

RoHS Compliant

\* High Force

For quantities of 2000 and up, call for quote.

Thigh Follow										
MOUSER	Molex	Fig.	Fig. Type	Type AWG Plating		AWG	Price Each			
STOCK NO.	Part No.	ı ıg.	Турс	Avva	1 lating	1	100	500	1000	
538-16-02-0117	16-02-0117	J	Male	22-24	30μ" Gold	.18	.15	.12	.10	
538-16-02-0110	16-02-0110	J	Male	24-30	30μ" Gold	.18	.15	.12	.10	
538-16-02-0115	16-02-0115	J	Male	22-24	15μ" Gold	.14	.12	.09	.079	
538-16-02-0109	16-02-0109	J	Male	24-30	15μ" Gold	.14	.12	.09	.079	
538-16-02-0114	16-02-0114	J	Male	22-24	150μ" Tin	.08	.07	.055	.047	
538-16-02-0108	16-02-0108	J	Male	24-30	150μ" Tin	.09	.07	.055	.045	
538-16-02-0104	16-02-0104	K	Female	22-24	30μ" Gold	.15	.12	.10	.08	
538-16-02-0098	16-02-0098	K	Female	24-30	30μ" Gold	.16	.13	.12	.11	
538-16-02-0103	16-02-0103	K	Female	22-24	15μ" Gold	.13	.11	.09	.08	
538-16-02-0097	16-02-0097	K	Female	24-30	15μ" Gold	.13	.11	.08	.07	
538-16-02-0102	16-02-0102	K	Female	22-24	150μ" Tin	.08	.07	.05	.046	
538-16-02-0096	16-02-0096	K	Female	24-30	150μ" Tin	.08	.07	.055	.047	
538-16-02-1125	16-02-1125	K	*Female	22-24	15μ" Gold	.20	.16	.13	.11	
538-16-02-1109	16-02-1109	K	*Female	24-30	15μ" Gold	.20	.16	.13	.11	
538-16-02-1114	16-02-1114	K	*Female	22-24	150μ" Tin	.12	.10	.08	.067	
538-16-02-1116	16-02-1116	K	*Female	24-30	150μ" Tin	.12	.10	.08	.067	

### **TOOLS**

For quantities of 5 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Description	Price Each
538-63811-8700	63811-8700	Hand Crimp Tool, 22-24 AWG	321.98
538-638118800	63811-8800	Hand Crimp Tool, 24-30 AWG	394.48
538-11-02-0022	11-02-0022	Insertion Tool	18.52
538-11-03-0036	11-03-0036	Extraction Tool	16.40

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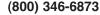
50-57-9010



.79 .52 .46

.90

.76 .71 .61



**NEXT** 

800

900

899