

|              | 12         | 11        | 10         | 9         | 8          | 7         | 6          | 5         | 4          | 3         | 2          | 1         |            |           |            |           |             |           |             |           |
|--------------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|-------------|-----------|-------------|-----------|
| "L" DIM. →   | 51 ± 2 MM  |           | 76 ± 3 MM  |           | 102 ± 3 MM |           | 127 ± 4 MM |           | 152 ± 4 MM |           | 178 ± 4 MM |           | 203 ± 4 MM |           | 229 ± 5 MM |           | 254 ± 5 MM  |           | 305 ± 5 MM  |           |
| REF DIM →    | (2 INCHES) |           | (3 INCHES) |           | (4 INCHES) |           | (5 INCHES) |           | (6 INCHES) |           | (7 INCHES) |           | (8 INCHES) |           | (9 INCHES) |           | (10 INCHES) |           | (12 INCHES) |           |
| CABLE TYPE → |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |             |           |             |           |
| CIRCUITS ↓   | A          | D         | A          | D         | A          | D         | A          | D         | A          | D         | A          | D         | A          | D         | A          | D         | A           | D         | A           | D         |
| 4            | 154660204  | 154661204 | 154660304  | 154661304 | 154660404  | 154661404 | 154660504  | 154661504 | 154660604  | 154661604 | 154660704  | 154661704 | 154660804  | 154661804 | 154660904  | 154661904 | 154660004   | 154661004 | 154660104   | 154661104 |
| 5            | 154660205  | 154661205 | 154660305  | 154661305 | 154660405  | 154661405 | 154660505  | 154661505 | 154660605  | 154661605 | 154660705  | 154661705 | 154660805  | 154661805 | 154660905  | 154661905 | 154660005   | 154661005 | 154660105   | 154661105 |
| 6            | 154660206  | 154661206 | 154660306  | 154661306 | 154660406  | 154661406 | 154660506  | 154661506 | 154660606  | 154661606 | 154660706  | 154661706 | 154660806  | 154661806 | 154660906  | 154661906 | 154660006   | 154661006 | 154660106   | 154661106 |
| 7            | 154660207  | 154661207 | 154660307  | 154661307 | 154660407  | 154661407 | 154660507  | 154661507 | 154660607  | 154661607 | 154660707  | 154661707 | 154660807  | 154661807 | 154660907  | 154661907 | 154660007   | 154661007 | 154660107   | 154661107 |
| 8            | 154660208  | 154661208 | 154660308  | 154661308 | 154660408  | 154661408 | 154660508  | 154661508 | 154660608  | 154661608 | 154660708  | 154661708 | 154660808  | 154661808 | 154660908  | 154661908 | 154660008   | 154661008 | 154660108   | 154661108 |
| 9            | 154660209  | 154661209 | 154660309  | 154661309 | 154660409  | 154661409 | 154660509  | 154661509 | 154660609  | 154661609 | 154660709  | 154661709 | 154660809  | 154661809 | 154660909  | 154661909 | 154660009   | 154661009 | 154660109   | 154661109 |
| 10           | 154660210  | 154661210 | 154660310  | 154661310 | 154660410  | 154661410 | 154660510  | 154661510 | 154660610  | 154661610 | 154660710  | 154661710 | 154660810  | 154661810 | 154660910  | 154661910 | 154660010   | 154661010 | 154660110   | 154661110 |
| 11           | 154660211  | 154661211 | 154660311  | 154661311 | 154660411  | 154661411 | 154660511  | 154661511 | 154660611  | 154661611 | 154660711  | 154661711 | 154660811  | 154661811 | 154660911  | 154661911 | 154660011   | 154661011 | 154660111   | 154661111 |
| 12           | 154660212  | 154661212 | 154660312  | 154661312 | 154660412  | 154661412 | 154660512  | 154661512 | 154660612  | 154661612 | 154660712  | 154661712 | 154660812  | 154661812 | 154660912  | 154661912 | 154660012   | 154661012 | 154660112   | 154661112 |
| 13           | 154660213  | 154661213 | 154660313  | 154661313 | 154660413  | 154661413 | 154660513  | 154661513 | 154660613  | 154661613 | 154660713  | 154661713 | 154660813  | 154661813 | 154660913  | 154661913 | 154660013   | 154661013 | 154660113   | 154661113 |
| 14           | 154660214  | 154661214 | 154660314  | 154661314 | 154660414  | 154661414 | 154660514  | 154661514 | 154660614  | 154661614 | 154660714  | 154661714 | 154660814  | 154661814 | 154660914  | 154661914 | 154660014   | 154661014 | 154660114   | 154661114 |
| 15           | 154660215  | 154661215 | 154660315  | 154661315 | 154660415  | 154661415 | 154660515  | 154661515 | 154660615  | 154661615 | 154660715  | 154661715 | 154660815  | 154661815 | 154660915  | 154661915 | 154660015   | 154661015 | 154660115   | 154661115 |
| 16           | 154660216  | 154661216 | 154660316  | 154661316 | 154660416  | 154661416 | 154660516  | 154661516 | 154660616  | 154661616 | 154660716  | 154661716 | 154660816  | 154661816 | 154660916  | 154661916 | 154660016   | 154661016 | 154660116   | 154661116 |
| 17           | 154660217  | 154661217 | 154660317  | 154661317 | 154660417  | 154661417 | 154660517  | 154661517 | 154660617  | 154661617 | 154660717  | 154661717 | 154660817  | 154661817 | 154660917  | 154661917 | 154660017   | 154661017 | 154660117   | 154661117 |
| 18           | 154660218  | 154661218 | 154660318  | 154661318 | 154660418  | 154661418 | 154660518  | 154661518 | 154660618  | 154661618 | 154660718  | 154661718 | 154660818  | 154661818 | 154660918  | 154661918 | 154660018   | 154661018 | 154660118   | 154661118 |
| 19           | 154660219  | 154661219 | 154660319  | 154661319 | 154660419  | 154661419 | 154660519  | 154661519 | 154660619  | 154661619 | 154660719  | 154661719 | 154660819  | 154661819 | 154660919  | 154661919 | 154660019   | 154661019 | 154660119   | 154661119 |
| 20           | 154660220  | 154661220 | 154660320  | 154661320 | 154660420  | 154661420 | 154660520  | 154661520 | 154660620  | 154661620 | 154660720  | 154661720 | 154660820  | 154661820 | 154660920  | 154661920 | 154660020   | 154661020 | 154660120   | 154661120 |
| 22           | 154660222  | 154661222 | 154660322  | 154661322 | 154660422  | 154661422 | 154660522  | 154661522 | 154660622  | 154661622 | 154660722  | 154661722 | 154660822  | 154661822 | 154660922  | 154661922 | 154660022   | 154661022 | 154660122   | 154661122 |
| 24           | 154660224  | 154661224 | 154660324  | 154661324 | 154660424  | 154661424 | 154660524  | 154661524 | 154660624  | 154661624 | 154660724  | 154661724 | 154660824  | 154661824 | 154660924  | 154661924 | 154660024   | 154661024 | 154660124   | 154661124 |
| 26           | 154660226  | 154661226 | 154660326  | 154661326 | 154660426  | 154661426 | 154660526  | 154661526 | 154660626  | 154661626 | 154660726  | 154661726 | 154660826  | 154661826 | 154660926  | 154661926 | 154660026   | 154661026 | 154660126   | 154661126 |
| 28           | 154660228  | 154661228 | 154660328  | 154661328 | 154660428  | 154661428 | 154660528  | 154661528 | 154660628  | 154661628 | 154660728  | 154661728 | 154660828  | 154661828 | 154660928  | 154661928 | 154660028   | 154661028 | 154660128   | 154661128 |
| 30           | 154660230  | 154661230 | 154660330  | 154661330 | 154660430  | 154661430 | 154660530  | 154661530 | 154660630  | 154661630 | 154660730  | 154661730 | 154660830  | 154661830 | 154660930  | 154661930 | 154660030   | 154661030 | 154660130   | 154661130 |
| 35           | 154660235  | 154661235 | 154660335  | 154661335 | 154660435  | 154661435 | 154660535  | 154661535 | 154660635  | 154661635 | 154660735  | 154661735 | 154660835  | 154661835 | 154660935  | 154661935 | 154660035   | 154661035 | 154660135   | 154661135 |
| 40           | 154660240  | 154661240 | 154660340  | 154661340 | 154660440  | 154661440 | 154660540  | 154661540 | 154660640  | 154661640 | 154660740  | 154661740 | 154660840  | 154661840 | 154660940  | 154661940 | 154660040   | 154661040 | 154660140   | 154661140 |
| 45           | 154660245  | 154661245 | 154660345  | 154661345 | 154660445  | 154661445 | 154660545  | 154661545 | 154660645  | 154661645 | 154660745  | 154661745 | 154660845  | 154661845 | 154660945  | 154661945 | 154660045   | 154661045 | 154660145   | 154661145 |
| 50           | 154660250  | 154661250 | 154660350  | 154661350 | 154660450  | 154661450 | 154660550  | 154661550 | 154660650  | 154661650 | 154660750  | 154661750 | 154660850  | 154661850 | 154660950  | 154661950 | 154660050   | 154661050 | 154660150   | 154661150 |



- NOTES:**
- NO PRINTING ON JUMPER CABLE UNLESS OTHERWISE SPECIFIED. IF PRINTING IS REQUIRED, THEN IT WOULD BE CONSIDERED A SPECIAL JUMPER CABLE.
  - CABLES MATE WITH MOLEX FFC/FPC CONNECTOR SERIES # 505278
  - CONDUCTOR IS 0.1 MM COPPER THICKNESS
  - SURFACE FINISH: 0.4 um Sn



|                    |   |       |         |       |   |               |  |   |  |  |
|--------------------|---|-------|---------|-------|---|---------------|--|---|--|--|
| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       |         |       |   |               |  |   |  |  |
| FA=0               | DIMENSION UNITS   |       | SCALE   |       | CURRENT REV DESC: DRAWING CORRECTION  |               |  |   |  |  |
| FE=0               | MM  |       | 2:1     |       | <b>molex</b><br>0.50MM CENTER FFC TIN PLATED WEARS<br>FFC JUMPER CABLE (105°C, SN PLATED) CHART |               |  |   |  |  |
| FP=0               | GENERAL TOLERANCES (UNLESS SPECIFIED)   |       |         |       |   |               |  |   |  |  |
| DIVISIONAL SYMBOLS | mm  |       | INCH    |       |   |               |  |   |  |  |
|                    | 4 PLACES  | ±---- | ±----   | ±---- |   |               |  |   |  |  |
|                    | 3 PLACES  | ±---- | ±----   | ±---- | EC NO: 728054   | DRWN: DIEGOG7 | 2022/11/10   | <b>PRODUCT CUSTOMER DRAWING</b><br>DOCUMENT NUMBER<br><b>154660001</b><br>DOC TYPE DOC PART REVISION<br>PSD 000 C |  |  |
|                    | 2 PLACES  | ±---- | ±----   | ±---- | CHK'D: JSMITH11   | 2022/11/14    |  |   |  |  |
|                    | 1 PLACE   | ±---- | ±----   | ±---- | APPR: JSMITH11  | 2022/11/14    |  |   |  |  |
|                    | 0 PLACES  | ±---- | ±----   | ±---- | INITIAL REVISION:   |               |  |   |  |  |
|                    | ANGULAR TOL ± 0.5 °   |       |         |       | DRWN: DIEGOG7   | 2022/05/19    | MATERIAL NUMBER<br>SEE CHART<br>CUSTOMER<br>GENERAL MARKET<br>SHEET NUMBER<br>1 OF 1 |   |  |  |
|                    | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |       |         |       | APPR: JSMITH11  | 2022/06/06    |  |   |  |  |
|                    | THIRD ANGLE PROJECTION  |       | DRAWING |       | SERIES  |               | MATERIAL NUMBER  |   |  |  |
|                    | C-SIZE  |       | 15466   |       | 15466   |               | GENERAL MARKET   |   |  |  |