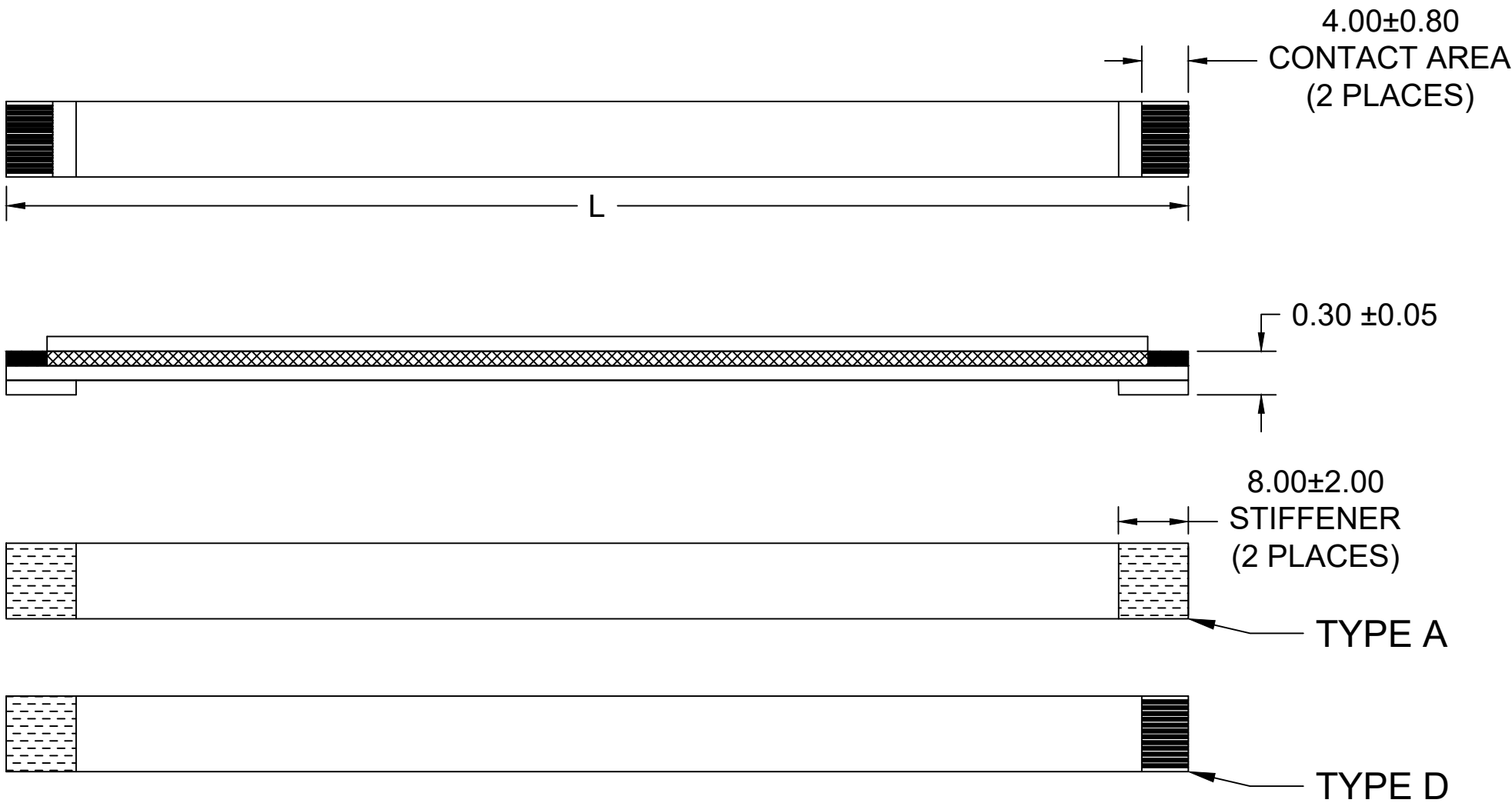


| 12                                                                     |             | 11        |            | 10        |            | 9         |            | 8         |            | 7         |            | 6         |            | 5         |            | 4         |            | 3         |             | 2         |             | 1         |  |
|------------------------------------------------------------------------|-------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|-------------|-----------|-------------|-----------|--|
| 0.50MM CENTER FLAT FLEX CABLE (FFC) (EXTRA FLEXIBLE, 105°C, Sn PLATED) |             |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |             |           |             |           |  |
| "L" DIM. →                                                             | 30 ± 2 MM   |           | 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 →                                                              | (1.18 INCH) |           | (2 INCHES) |           | (3 INCHES) |           | (4 INCHES) |           | (5 INCHES) |           | (6 INCHES) |           | (7 INCHES) |           | (8 INCHES) |           | (9 INCHES) |           | (10 INCHES) |           | (12 INCHES) |           |  |
| CABLE TYPE →                                                           | A           | D         | A          | D         | A          | D         | A          | D         | A          | D         | A          | D         | A          | D         | A          | D         | A          | D         | A           | D         | A           | D         |  |
| CIRCUITS "N" ↓                                                         |             |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |             |           |             |           |  |
| 4                                                                      | 151660029   | 151660030 | 151660031  | 151660032 | 151660033  | 151660034 | 151660035  | 151660036 | 151660037  | 151660038 | 151660039  | 151660040 | 151660041  | 151660042 | 151660043  | 151660044 | 151660045  | 151660046 | 151660047   | 151660048 | 151660049   | 151660050 |  |
| 6                                                                      | 151660051   | 151660052 | 151660053  | 151660054 | 151660055  | 151660056 | 151660057  | 151660058 | 151660059  | 151660060 | 151660061  | 151660062 | 151660063  | 151660064 | 151660065  | 151660066 | 151660067  | 151660068 | 151660069   | 151660070 | 151660071   | 151660072 |  |
| 8                                                                      | 151660073   | 151660074 | 151660075  | 151660076 | 151660077  | 151660078 | 151660079  | 151660080 | 151660081  | 151660082 | 151660083  | 151660084 | 151660085  | 151660086 | 151660087  | 151660088 | 151660089  | 151660090 | 151660091   | 151660092 | 151660093   | 151660094 |  |
| 10                                                                     | 151660095   | 151660096 | 151660097  | 151660098 | 151660099  | 151660100 | 151660101  | 151660102 | 151660103  | 151660104 | 151660105  | 151660106 | 151660107  | 151660108 | 151660109  | 151660110 | 151660111  | 151660112 | 151660113   | 151660114 | 151660115   | 151660116 |  |
| 12                                                                     | 151660117   | 151660118 | 151660119  | 151660120 | 151660121  | 151660122 | 151660123  | 151660124 | 151660125  | 151660126 | 151660127  | 151660128 | 151660129  | 151660130 | 151660131  | 151660132 | 151660133  | 151660134 | 151660135   | 151660136 | 151660137   | 151660138 |  |
| 14                                                                     | 151660139   | 151660140 | 151660141  | 151660142 | 151660143  | 151660144 | 151660145  | 151660146 | 151660147  | 151660148 | 151660149  | 151660150 | 151660151  | 151660152 | 151660153  | 151660154 | 151660155  | 151660156 | 151660157   | 151660158 | 151660159   | 151660160 |  |
| 16                                                                     | 151660161   | 151660162 | 151660163  | 151660164 | 151660165  | 151660166 | 151660167  | 151660168 | 151660169  | 151660170 | 151660171  | 151660172 | 151660173  | 151660174 | 151660175  | 151660176 | 151660177  | 151660178 | 151660179   | 151660180 | 151660181   | 151660182 |  |
| 18                                                                     | 151660183   | 151660184 | 151660185  | 151660186 | 151660187  | 151660188 | 151660189  | 151660190 | 151660191  | 151660192 | 151660193  | 151660194 | 151660195  | 151660196 | 151660197  | 151660198 | 151660199  | 151660200 | 151660201   | 151660202 | 151660203   | 151660204 |  |
| 20                                                                     | 151660205   | 151660206 | 151660207  | 151660208 | 151660209  | 151660210 | 151660211  | 151660212 | 151660213  | 151660214 | 151660215  | 151660216 | 151660217  | 151660218 | 151660219  | 151660220 | 151660221  | 151660222 | 151660223   | 151660224 | 151660225   | 151660226 |  |
| 22                                                                     | 151660227   | 151660228 | 151660229  | 151660230 | 151660231  | 151660232 | 151660233  | 151660234 | 151660235  | 151660236 | 151660237  | 151660238 | 151660239  | 151660240 | 151660241  | 151660242 | 151660243  | 151660244 | 151660245   | 151660246 | 151660247   | 151660248 |  |
| 24                                                                     | 151660249   | 151660250 | 151660251  | 151660252 | 151660253  | 151660254 | 151660255  | 151660256 | 151660257  | 151660258 | 151660259  | 151660260 | 151660261  | 151660262 | 151660263  | 151660264 | 151660265  | 151660266 | 151660267   | 151660268 | 151660269   | 151660270 |  |
| 26                                                                     | 151660271   | 151660272 | 151660273  | 151660274 | 151660275  | 151660276 | 151660277  | 151660278 | 151660279  | 151660280 | 151660281  | 151660282 | 151660283  | 151660284 | 151660285  | 151660286 | 151660287  | 151660288 | 151660289   | 151660290 | 151660291   | 151660292 |  |
| 28                                                                     | 151660293   | 151660294 | 151660295  | 151660296 | 151660297  | 151660298 | 151660299  | 151660300 | 151660301  | 151660302 | 151660303  | 151660304 | 151660305  | 151660306 | 151660307  | 151660308 | 151660309  | 151660310 | 151660311   | 151660312 | 151660313   | 151660314 |  |
| 30                                                                     | 151660315   | 151660316 | 151660317  | 151660318 | 151660319  | 151660320 | 151660321  | 151660322 | 151660323  | 151660324 | 151660325  | 151660326 | 151660327  | 151660328 | 151660329  | 151660330 | 151660331  | 151660332 | 151660333   | 151660334 | 151660335   | 151660336 |  |
| 32                                                                     | 151660337   | 151660338 | 151660339  | 151660340 | 151660341  | 151660342 | 151660343  | 151660344 | 151660345  | 151660346 | 151660347  | 151660348 | 151660349  | 151660350 | 151660351  | 151660352 | 151660353  | 151660354 | 151660355   | 151660356 | 151660357   | 151660358 |  |
| 34                                                                     | 151660359   | 151660360 | 151660361  | 151660362 | 151660363  | 151660364 | 151660365  | 151660366 | 151660367  | 151660368 | 151660369  | 151660370 | 151660371  | 151660372 | 151660373  | 151660374 | 151660375  | 151660376 | 151660377   | 151660378 | 151660379   | 151660380 |  |
| 36                                                                     | 151660381   | 151660382 | 151660383  | 151660384 | 151660385  | 151660386 | 151660387  | 151660388 | 151660389  | 151660390 | 151660391  | 151660392 | 151660393  | 151660394 | 151660395  | 151660396 | 151660397  | 151660398 | 151660399   | 151660400 | 151660401   | 151660402 |  |
| 38                                                                     | 151660403   | 151660404 | 151660405  | 151660406 | 151660407  | 151660408 | 151660409  | 151660410 | 151660411  | 151660412 | 151660413  | 151660414 | 151660415  | 151660416 | 151660417  | 151660418 | 151660419  | 151660420 | 151660421   | 151660422 | 151660423   | 151660424 |  |
| 40                                                                     | 151660425   | 151660426 | 151660427  | 151660428 | 151660429  | 151660430 | 151660431  | 151660432 | 151660433  | 151660434 | 151660435  | 151660436 | 151660437  | 151660438 | 151660439  | 151660440 | 151660441  | 151660442 | 151660443   | 151660444 | 151660445   | 151660446 |  |
| 42                                                                     | 151660447   | 151660448 | 151660449  | 151660450 | 151660451  | 151660452 | 151660453  | 151660454 | 151660455  | 151660456 | 151660457  | 151660458 | 151660459  | 151660460 | 151660461  | 151660462 | 151660463  | 151660464 | 151660465   | 151660466 | 151660467   | 151660468 |  |
| 44                                                                     | 151660469   | 151660470 | 151660471  | 151660472 | 151660473  | 151660474 | 151660475  | 151660476 | 151660477  | 151660478 | 151660479  | 151660480 | 151660481  | 151660482 | 151660483  | 151660484 | 151660485  | 151660486 | 151660487   | 151660488 | 151660489   | 151660490 |  |
| 46                                                                     | 151660491   | 151660492 | 151660493  | 151660494 | 151660495  | 151660496 | 151660497  | 151660498 | 151660499  | 151660500 | 151660501  | 151660502 | 151660503  | 151660504 | 151660505  | 151660506 | 151660507  | 151660508 | 151660509   | 151660510 | 151660511   | 151660512 |  |
| 48                                                                     | 151660513   | 151660514 | 151660515  | 151660516 | 151660517  | 151660518 | 151660519  | 151660520 | 151660521  | 151660522 | 151660523  | 151660524 | 151660525  | 151660526 | 151660527  | 151660528 | 151660529  | 151660530 | 151660531   | 151660532 | 151660533   | 151660534 |  |
| 50                                                                     | 151660535   | 151660536 | 151660537  | 151660538 | 151660539  | 151660540 | 151660541  | 151660542 | 151660543  | 151660544 | 151660545  | 151660546 | 151660547  | 151660548 | 151660549  | 151660550 | 151660551  | 151660552 | 151660553   | 151660554 | 151660555   | 151660556 |  |



- NOTES:
- NO PRINTING ON JUMPER CABLE UNLESS OTHERWISE SPECIFIED. IF PRINTING IS REQUIRED, THEN IT WOULD BE CONSIDERED A SPECIAL JUMPER CABLE.
  - FOR ODD CIRCUIT COUNT, CROSS-SECTION AND END-TAIL DETAIL REFER TO SHEET # 2

|                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                               |       |       |                                                                                                                            |                                                                                                                     |                   |  |                 |  |                                                                                                                                                        |  |                            |  |                        |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------|--|-----------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------|--|------------------------|--|
| FUNCTIONAL SYMBOLS<br><br><div>=0</div> <div>=0</div> <div>=0</div><br>DIVISIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       |       |                                                                                                                            |                                                                                                                     |                   |  |                 |  |                                                                                                                                                        |  |                            |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                          | DIMENSION UNITS                                                                                                                               |       | SCALE |                                                                                                                            | CURRENT REV DESC: PN 982331083 REPLACED WITH 151661083                                                              |                   |  |                 |  | <div>molex</div> <div>0.50MM CENTER FLAT FLEX CABLE (FFC)<br/>(EXTRA FLEXIBLE, 105°C, SN PLATED) SALES DRAWING</div>                                   |  |                            |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                          | MM                                                                                                                                            |       | 2:1   |                                                                                                                            |                                                                                                                     |                   |  |                 |  |                                                                                                                                                        |  |                            |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                          | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |       |       |                                                                                                                            | STATUS:Production<br>DRWN: DIEGO GOMEZ 2024-01-02<br>CHK'D: MATTHEW IMIG 2024-04-23<br>APPR: DAVID FALLA 2024-04-23 |                   |  |                 |  | PRODUCT SALES DRAWING<br><div>DOCUMENT NUMBER<br/>SD-15166-001</div> <div>DOC TYPE<br/>PSD</div> <div>DOC PART<br/>001</div> <div>REVISION<br/>E</div> |  |                            |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                               | mm    | INCH  |                                                                                                                            |                                                                                                                     |                   |  |                 |  |                                                                                                                                                        |  |                            |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                          | 4 PLACES                                                                                                                                      | ±---- | ±---- |                                                                                                                            |                                                                                                                     |                   |  |                 |  |                                                                                                                                                        |  |                            |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                          | 3 PLACES                                                                                                                                      | ±---- | ±---- |                                                                                                                            |                                                                                                                     |                   |  |                 |  |                                                                                                                                                        |  |                            |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                          | 2 PLACES                                                                                                                                      | ±---- | ±---- |                                                                                                                            |                                                                                                                     |                   |  |                 |  |                                                                                                                                                        |  |                            |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                          | 1 PLACE                                                                                                                                       | ±---- | ±---- |                                                                                                                            |                                                                                                                     |                   |  |                 |  |                                                                                                                                                        |  |                            |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                          | 0 PLACES                                                                                                                                      | ±---- | ±---- |                                                                                                                            |                                                                                                                     |                   |  |                 |  |                                                                                                                                                        |  |                            |  |                        |  |
| ANGULAR TOL ± 0.5 °                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                               |       |       |                                                                                                                            |                                                                                                                     |                   |  |                 |  |                                                                                                                                                        |  |                            |  |                        |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                                                                                                                                                                                                                                     |                                                                                                                                               |       |       | THIRD ANGLE PROJECTION<br><div></div> |                                                                                                                     | DRAWING<br>C-SIZE |  | SERIES<br>15166 |  | MATERIAL NUMBER<br>151660001                                                                                                                           |  | CUSTOMER<br>GENERAL MARKET |  | SHEET NUMBER<br>1 OF 2 |  |

