

0.50mm CENTER FLAT FLEX CABLE (FFC) (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 ↓   |             |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |             |           |             |           |
| 6            | 152660051   | 152660052 | 152660053  | 152660054 | 152660055  | 152660056 | 152660057  | 152660058 | 152660059  | 152660060 | 152660061  | 152660062 | 152660063  | 152660064 | 152660065  | 152660066 | 152660067  | 152660068 | 152660069   | 152660070 | 152660071   | 152660072 |
| 8            | 152660073   | 152660074 | 152660075  | 152660076 | 152660077  | 152660078 | 152660079  | 152660080 | 152660081  | 152660082 | 152660083  | 152660084 | 152660085  | 152660086 | 152660087  | 152660088 | 152660089  | 152660090 | 152660091   | 152660092 | 152660093   | 152660094 |
| 10           | 152660095   | 152660096 | 152660097  | 152660098 | 152660099  | 152660100 | 152660101  | 152660102 | 152660103  | 152660104 | 152660105  | 152660106 | 152660107  | 152660108 | 152660109  | 152660110 | 152660111  | 152660112 | 152660113   | 152660114 | 152660115   | 152660116 |
| 12           | 152660117   | 152660118 | 152660119  | 152660120 | 152660121  | 152660122 | 152660123  | 152660124 | 152660125  | 152660126 | 152660127  | 152660128 | 152660129  | 152660130 | 152660131  | 152660132 | 152660133  | 152660134 | 152660135   | 152660136 | 152660137   | 152660138 |
| 14           | 152660139   | 152660140 | 152660141  | 152660142 | 152660143  | 152660144 | 152660145  | 152660146 | 152660147  | 152660148 | 152660149  | 152660150 | 152660151  | 152660152 | 152660153  | 152660154 | 152660155  | 152660156 | 152660157   | 152660158 | 152660159   | 152660160 |
| 16           | 152660161   | 152660162 | 152660163  | 152660164 | 152660165  | 152660166 | 152660167  | 152660168 | 152660169  | 152660170 | 152660171  | 152660172 | 152660173  | 152660174 | 152660175  | 152660176 | 152660177  | 152660178 | 152660179   | 152660180 | 152660181   | 152660182 |
| 18           | 152660183   | 152660184 | 152660185  | 152660186 | 152660187  | 152660188 | 152660189  | 152660190 | 152660191  | 152660192 | 152660193  | 152660194 | 152660195  | 152660196 | 152660197  | 152660198 | 152660199  | 152660200 | 152660201   | 152660202 | 152660203   | 152660204 |
| 20           | 152660205   | 152660206 | 152660207  | 152660208 | 152660209  | 152660210 | 152660211  | 152660212 | 152660213  | 152660214 | 152660215  | 152660216 | 152660217  | 152660218 | 152660219  | 152660220 | 152660221  | 152660222 | 152660223   | 152660224 | 152660225   | 152660226 |
| 22           | 152660227   | 152660228 | 152660229  | 152660230 | 152660231  | 152660232 | 152660233  | 152660234 | 152660235  | 152660236 | 152660237  | 152660238 | 152660239  | 152660240 | 152660241  | 152660242 | 152660243  | 152660244 | 152660245   | 152660246 | 152660247   | 152660248 |
| 24           | 152660249   | 152660250 | 152660251  | 152660252 | 152660253  | 152660254 | 152660255  | 152660256 | 152660257  | 152660258 | 152660259  | 152660260 | 152660261  | 152660262 | 152660263  | 152660264 | 152660265  | 152660266 | 152660267   | 152660268 | 152660269   | 152660270 |
| 26           | 152660271   | 152660272 | 152660273  | 152660274 | 152660275  | 152660276 | 152660277  | 152660278 | 152660279  | 152660280 | 152660281  | 152660282 | 152660283  | 152660284 | 152660285  | 152660286 | 152660287  | 152660288 | 152660289   | 152660290 | 152660291   | 152660292 |
| 28           | 152660293   | 152660294 | 152660295  | 152660296 | 152660297  | 152660298 | 152660299  | 152660300 | 152660301  | 152660302 | 152660303  | 152660304 | 152660305  | 152660306 | 152660307  | 152660308 | 152660309  | 152660310 | 152660311   | 152660312 | 152660313   | 152660314 |
| 30           | 152660315   | 152660316 | 152660317  | 152660318 | 152660319  | 152660320 | 152660321  | 152660322 | 152660323  | 152660324 | 152660325  | 152660326 | 152660327  | 152660328 | 152660329  | 152660330 | 152660331  | 152660332 | 152660333   | 152660334 | 152660335   | 152660336 |
| 32           | 152660337   | 152660338 | 152660339  | 152660340 | 152660341  | 152660342 | 152660343  | 152660344 | 152660345  | 152660346 | 152660347  | 152660348 | 152660349  | 152660350 | 152660351  | 152660352 | 152660353  | 152660354 | 152660355   | 152660356 | 152660357   | 152660358 |
| 34           | 152660359   | 152660360 | 152660361  | 152660362 | 152660363  | 152660364 | 152660365  | 152660366 | 152660367  | 152660368 | 152660369  | 152660370 | 152660371  | 152660372 | 152660373  | 152660374 | 152660375  | 152660376 | 152660377   | 152660378 | 152660379   | 152660380 |
| 36           | 152660381   | 152660382 | 152660383  | 152660384 | 152660385  | 152660386 | 152660387  | 152660388 | 152660389  | 152660390 | 152660391  | 152660392 | 152660393  | 152660394 | 152660395  | 152660396 | 152660397  | 152660398 | 152660399   | 152660400 | 152660401   | 152660402 |
| 38           | 152660403   | 152660404 | 152660405  | 152660406 | 152660407  | 152660408 | 152660409  | 152660410 | 152660411  | 152660412 | 152660413  | 152660414 | 152660415  | 152660416 | 152660417  | 152660418 | 152660419  | 152660420 | 152660421   | 152660422 | 152660423   | 152660424 |
| 40           | 152660425   | 152660426 | 152660427  | 152660428 | 152660429  | 152660430 | 152660431  | 152660432 | 152660433  | 152660434 | 152660435  | 152660436 | 152660437  | 152660438 | 152660439  | 152660440 | 152660441  | 152660442 | 152660443   | 152660444 | 152660445   | 152660446 |
| 42           | 152660447   | 152660448 | 152660449  | 152660450 | 152660451  | 152660452 | 152660453  | 152660454 | 152660455  | 152660456 | 152660457  | 152660458 | 152660459  | 152660460 | 152660461  | 152660462 | 152660463  | 152660464 | 152660465   | 152660466 | 152660467   | 152660468 |
| 44           | 152660469   | 152660470 | 152660471  | 152660472 | 152660473  | 152660474 | 152660475  | 152660476 | 152660477  | 152660478 | 152660479  | 152660480 | 152660481  | 152660482 | 152660483  | 152660484 | 152660485  | 152660486 | 152660487   | 152660488 | 152660489   | 152660490 |
| 46           | 152660491   | 152660492 | 152660493  | 152660494 | 152660495  | 152660496 | 152660497  | 152660498 | 152660499  | 152660500 | 152660501  | 152660502 | 152660503  | 152660504 | 152660505  | 152660506 | 152660507  | 152660508 | 152660509   | 152660510 | 152660511   | 152660512 |
| 48           | 152660513   | 152660514 | 152660515  | 152660516 | 152660517  | 152660518 | 152660519  | 152660520 | 152660521  | 152660522 | 152660523  | 152660524 | 152660525  | 152660526 | 152660527  | 152660528 | 152660529  | 152660530 | 152660531   | 152660532 | 152660533   | 152660534 |
| 50           | 152660535   | 152660536 | 152660537  | 152660538 | 152660539  | 152660540 | 152660541  | 152660542 | 152660543  | 152660544 | 152660545  | 152660546 | 152660547  | 152660548 | 152660549  | 152660550 | 152660551  | 152660552 | 152660553   | 152660554 | 152660555   | 152660556 |



**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

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: STIFFENER LENGTH & SPAN TOLERANCE UPDATED   |                |                                |                 |            |
| MM   | 2:1                    | <p><b>molex</b></p> <p>0.50MM CENTER FLAT FLEX CABLE (FFC) (105°C, SN PLATED) SALES DRAWING</p> <p>PRODUCT CUSTOMER DRAWING</p> |                |                                |                 |            |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                |                        |   |                |                                | EC NO: 735490   | 2023/01/18 |
| 4 PLACES   | ±----                  |   |                |                                | DRWN: DIEGOG7   | 2023/01/26 |
| 3 PLACES   | ±----                  |   |                |                                | CHK'D: JSMITH11 | 2023/01/26 |
| 2 PLACES   | ±----                  |   |                |                                | APPR: JSMITH11  | 2023/01/26 |
| 1 PLACE  | ±----                  | INITIAL REVISION:   |                |                                |                 |            |
| 0 PLACES   | ±----                  | DRWN: JLWOLFSB  | 2010/09/24     |                                |                 |            |
| ANGULAR TOL ± 0.5 °                                  |                        | APPR: DRASMUSS  | 2010/11/17     |                                |                 |            |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION | DRAWING   | SERIES         | DOCUMENT NUMBER                |                 |            |
|  |                        | C-SIZE  | 15266          | SD-15266-001                   |                 |            |
|  |                        | MATERIAL NUMBER   | CUSTOMER       | DOC TYPE   DOC PART   REVISION |                 |            |
|  |                        | SEE CHART   | GENERAL MARKET | PSD   001   D                  |                 |            |
|  |                        |   |                | SHEET NUMBER                   |                 |            |
|  |                        |   |                | 1 OF 2                         |                 |            |

0.50mm CENTER FLAT FLEX CABLE (FFC) (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 ↓   |             |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |             |           |             |           |
| 7            | 152660745   | 152660744 | 152660747  | 152660746 | 152660749  | 152660748 | 152660751  | 152660750 | 152660753  | 152660752 | 152660755  | 152660754 | 152660757  | 152660756 | 152660759  | 152660758 | 152660761  | 152660760 | 152660763   | 152660762 | 152660765   | 152660764 |
| 9            | 152660767   | 152660766 | 152660769  | 152660768 | 152660771  | 152660770 | 152660773  | 152660772 | 152660775  | 152660774 | 152660777  | 152660776 | 152660779  | 152660778 | 152660781  | 152660780 | 152660783  | 152660782 | 152660785   | 152660784 | 152660787   | 152660786 |
| 11           | 152660789   | 152660788 | 152660791  | 152660790 | 152660793  | 152660792 | 152660795  | 152660794 | 152660797  | 152660796 | 152660799  | 152660798 | 152660801  | 152660800 | 152660803  | 152660802 | 152660805  | 152660804 | 152660807   | 152660806 | 152660809   | 152660808 |
| 13           | 152660811   | 152660810 | 152660813  | 152660812 | 152660815  | 152660814 | 152660817  | 152660816 | 152660819  | 152660818 | 152660821  | 152660820 | 152660823  | 152660822 | 152660825  | 152660824 | 152660827  | 152660826 | 152660829   | 152660828 | 152660831   | 152660830 |
| 15           | 152660833   | 152660832 | 152660835  | 152660834 | 152660837  | 152660836 | 152660839  | 152660838 | 152660841  | 152660840 | 152660843  | 152660842 | 152660845  | 152660844 | 152660847  | 152660846 | 152660849  | 152660848 | 152660851   | 152660850 | 152660853   | 152660852 |
| 17           | 152660855   | 152660854 | 152660857  | 152660856 | 152660859  | 152660858 | 152660861  | 152660860 | 152660863  | 152660862 | 152660865  | 152660864 | 152660867  | 152660866 | 152660869  | 152660868 | 152660871  | 152660870 | 152660873   | 152660872 | 152660875   | 152660874 |
| 19           | 152660877   | 152660876 | 152660879  | 152660878 | 152660881  | 152660880 | 152660883  | 152660882 | 152660885  | 152660884 | 152660887  | 152660886 | 152660889  | 152660888 | 152660891  | 152660890 | 152660893  | 152660892 | 152660895   | 152660894 | 152660897   | 152660896 |
| 21           | 152660899   | 152660898 | 152660901  | 152660900 | 152660903  | 152660902 | 152660905  | 152660904 | 152660907  | 152660906 | 152660909  | 152660908 | 152660911  | 152660910 | 152660913  | 152660912 | 152660915  | 152660914 | 152660917   | 152660916 | 152660919   | 152660918 |
| 23           | 152660921   | 152660920 | 152660923  | 152660922 | 152660925  | 152660924 | 152660927  | 152660926 | 152660929  | 152660928 | 152660931  | 152660930 | 152660933  | 152660932 | 152660935  | 152660934 | 152660937  | 152660936 | 152660939   | 152660938 | 152660941   | 152660940 |
| 25           | 152660943   | 152660942 | 152660945  | 152660944 | 152660947  | 152660946 | 152660949  | 152660948 | 152660951  | 152660950 | 152660953  | 152660952 | 152660955  | 152660954 | 152660957  | 152660956 | 152660959  | 152660958 | 152660961   | 152660960 | 152660963   | 152660962 |
| 27           | 152660965   | 152660964 | 152660967  | 152660966 | 152660969  | 152660968 | 152660971  | 152660970 | 152660973  | 152660972 | 152660975  | 152660974 | 152660977  | 152660976 | 152660979  | 152660978 | 152660981  | 152660980 | 152660983   | 152660982 | 152660985   | 152660984 |
| 29           | 152660987   | 152660986 | 152660989  | 152660988 | 152660991  | 152660990 | 152660993  | 152660992 | 152660995  | 152660994 | 152660997  | 152660996 | 152660999  | 152660998 | 152661001  | 152661000 | 152661003  | 152661002 | 152661005   | 152661004 | 152661007   | 152661006 |
| 31           | 152661009   | 152661008 | 152661011  | 152661010 | 152661013  | 152661012 | 152661015  | 152661014 | 152661017  | 152661016 | 152661019  | 152661018 | 152661021  | 152661020 | 152661023  | 152661022 | 152661025  | 152661024 | 152661027   | 152661026 | 152661029   | 152661028 |
| 33           | 152661031   | 152661030 | 152661033  | 152661032 | 152661035  | 152661034 | 152661037  | 152661036 | 152661039  | 152661038 | 152661041  | 152661040 | 152661043  | 152661042 | 152661045  | 152661044 | 152661047  | 152661046 | 152661049   | 152661048 | 152661051   | 152661050 |
| 35           | 152661053   | 152661052 | 152661055  | 152661054 | 152661057  | 152661056 | 152661059  | 152661058 | 152661061  | 152661060 | 152661063  | 152661062 | 152661065  | 152661064 | 152661067  | 152661066 | 152661069  | 152661068 | 152661071   | 152661070 | 152661073   | 152661072 |
| 37           | 152661075   | 152661074 | 152661077  | 152661076 | 152661079  | 152661078 | 152661081  | 152661080 | 152661083  | 152661082 | 152661085  | 152661084 | 152661087  | 152661086 | 152661089  | 152661088 | 152661091  | 152661090 | 152661093   | 152661092 | 152661095   | 152661094 |
| 39           | 152661097   | 152661096 | 152661099  | 152661098 | 152661101  | 152661100 | 152661103  | 152661102 | 152661105  | 152661104 | 152661107  | 152661106 | 152661109  | 152661108 | 152661111  | 152661110 | 152661113  | 152661112 | 152661115   | 152661114 | 152661117   | 152661116 |
| 41           | 152661119   | 152661118 | 152661121  | 152661120 | 152661123  | 152661122 | 152661125  | 152661124 | 152661127  | 152661126 | 152661129  | 152661128 | 152661131  | 152661130 | 152661133  | 152661132 | 152661135  | 152661134 | 152661137   | 152661136 | 152661139   | 152661138 |
| 43           | 152661141   | 152661140 | 152661143  | 152661142 | 152661145  | 152661144 | 152661147  | 152661146 | 152661149  | 152661148 | 152661151  | 152661150 | 152661153  | 152661152 | 152661155  | 152661154 | 152661157  | 152661156 | 152661159   | 152661158 | 152661161   | 152661160 |
| 45           | 152661163   | 152661162 | 152661165  | 152661164 | 152661167  | 152661166 | 152661169  | 152661168 | 152661171  | 152661170 | 152661173  | 152661172 | 152661175  | 152661174 | 152661177  | 152661176 | 152661179  | 152661178 | 152661181   | 152661180 | 152661183   | 152661182 |
| 47           | 152661185   | 152661184 | 152661187  | 152661186 | 152661189  | 152661188 | 152661191  | 152661190 | 152661193  | 152661192 | 152661195  | 152661194 | 152661197  | 152661196 | 152661199  | 152661198 | 152661201  | 152661200 | 152661203   | 152661202 | 152661205   | 152661204 |
| 49           | 152661207   | 152661206 | 152661209  | 152661208 | 152661211  | 152661210 | 152661213  | 152661212 | 152661215  | 152661214 | 152661217  | 152661216 | 152661219  | 152661218 | 152661221  | 152661220 | 152661223  | 152661222 | 152661225   | 152661224 | 152661227   | 152661226 |



CROSS-SECTION



END TAIL DETAIL  
SCALE 10:1

**NOTES:**  
 1. NO PRINTING ON JUMPER CABLE UNLESS OTHERWISE SPECIFIED. IF PRINTING IS REQUIRED, THEN IT WOULD BE CONSIDERED A SPECIAL JUMPER CABLE.

|   |       |                |       |   |  |          |  |            |  |  |  |
|---|-------|----------------|-------|---|--|----------|--|------------|--|--|--|
| 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: STIFFENER LENGTH & SPAN TOLERANCE UPDATED   |  |          |  |            |  |  |  |
| MM  |       | NA             |       | <br>0.50MM CENTER FLAT FLEX CABLE (FFC)<br>(105°C, SN PLATED) SALES DRAWING<br>PRODUCT CUSTOMER DRAWING |  |          |  |            |  |  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)   |       |                |       |   |  |          |  |            |  |  |  |
|   | mm    |                | INCH  |   |  |          |  |            |  |  |  |
| 4 PLACES  | ±---- |                | ±---- |   |  |          |  |            |  |  |  |
| 3 PLACES  | ±---- |                | ±---- |   |  |          |  |            |  |  |  |
| 2 PLACES  | ±---- |                | ±---- |   |  |          |  |            |  |  |  |
| 1 PLACE   | ±---- |                | ±---- | EC NO: 735490   |  |          |  | 2023/01/18 |  |  |  |
| 0 PLACES  | ±---- |                | ±---- | DRWN: DIEGOG7   |  |          |  | 2023/01/26 |  |  |  |
| ANGULAR TOL ± 0.5 °   |       |                |       | CHK'D: JSMITH11   |  |          |  | 2023/01/26 |  |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |       |                |       | APPR: JSMITH11  |  |          |  | 2023/01/26 |  |  |  |
|   |       |                |       | INITIAL REVISION:   |  |          |  |            |  |  |  |
|   |       |                |       | DRWN: JLWOLFSB  |  |          |  | 2010/09/24 |  |  |  |
|   |       |                |       | APPR: DRASMUSS  |  |          |  | 2010/11/17 |  |  |  |
| DOCUMENT NUMBER   |       | DOC TYPE       |       | DOC PART  |  | REVISION |  |            |  |  |  |
| SD-15266-001  |       | PSD            |       | 001   |  | D        |  |            |  |  |  |
| MATERIAL NUMBER   |       | CUSTOMER       |       | SHEET NUMBER  |  |          |  |            |  |  |  |
| SEE CHART   |       | GENERAL MARKET |       | 2 OF 2  |  |          |  |            |  |  |  |