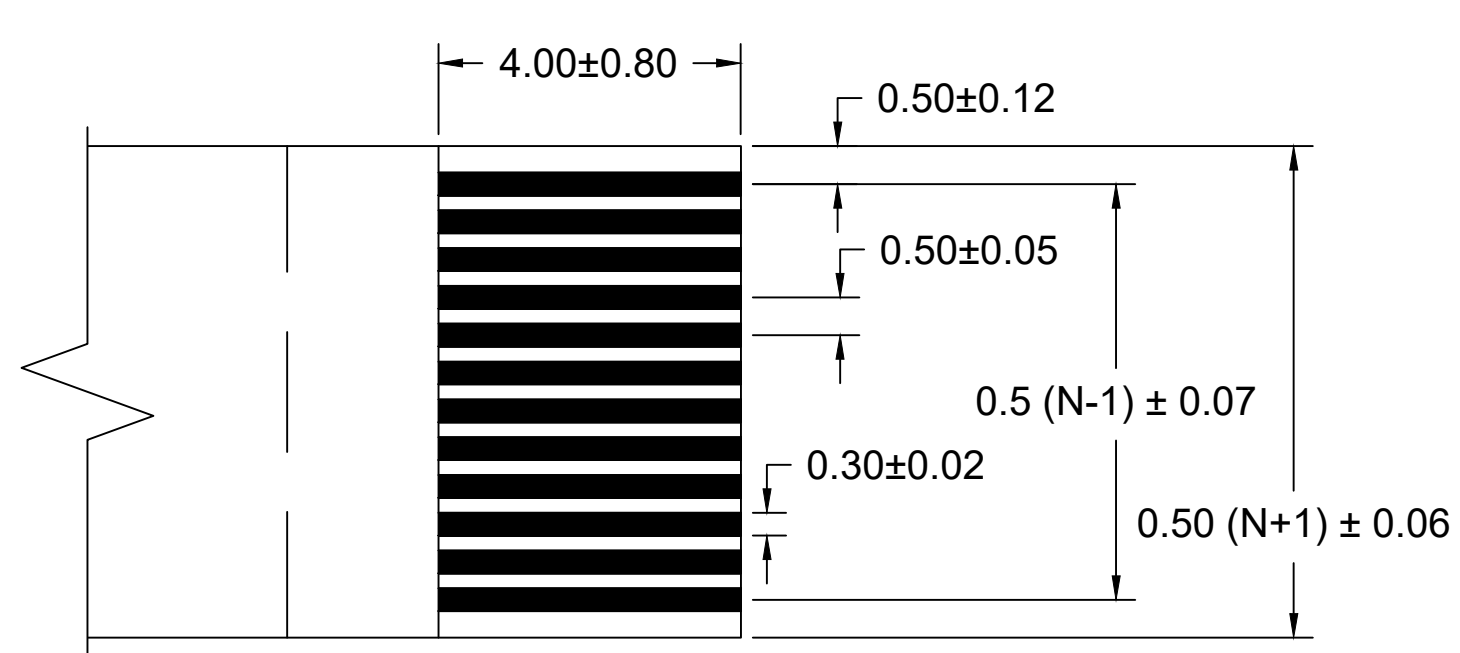




# 0.50mm CENTER FLAT FLEX CABLE (FFC) (105°C, Au PLATING)

| "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 → |             |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |             |           |             |           |
| CIRCUITS ↓   | A           | D         | A          | D         | A          | D         | A          | D         | A          | D         | A          | D         | A          | D         | A          | D         | A          | D         | A           | D         | A           | D         |
| 5            | 151200723   | 151200722 | 151200725  | 151200724 | 151200727  | 151200726 | 151200729  | 151200728 | 151200731  | 151200730 | 151200733  | 151200732 | 151200735  | 151200734 | 151200737  | 151200736 | 151200739  | 151200738 | 151200741   | 151200740 | 151200743   | 151200742 |
| 7            | 151200745   | 151200744 | 151200747  | 151200746 | 151200749  | 151200748 | 151200751  | 151200750 | 151200753  | 151200752 | 151200755  | 151200754 | 151200757  | 151200756 | 151200759  | 151200758 | 151200761  | 151200760 | 151200763   | 151200762 | 151200765   | 151200764 |
| 9            | 151200767   | 151200766 | 151200769  | 151200768 | 151200771  | 151200770 | 151200773  | 151200772 | 151200775  | 151200774 | 151200777  | 151200776 | 151200779  | 151200778 | 151200781  | 151200780 | 151200783  | 151200782 | 151200785   | 151200784 | 151200787   | 151200786 |
| 11           | 151200789   | 151200788 | 151200791  | 151200790 | 151200793  | 151200792 | 151200795  | 151200794 | 151200797  | 151200796 | 151200799  | 151200798 | 151200801  | 151200800 | 151200803  | 151200802 | 151200805  | 151200804 | 151200807   | 151200806 | 151200809   | 151200808 |
| 13           | 151200811   | 151200810 | 151200813  | 151200812 | 151200815  | 151200814 | 151200817  | 151200816 | 151200819  | 151200818 | 151200821  | 151200820 | 151200823  | 151200822 | 151200825  | 151200824 | 151200827  | 151200826 | 151200829   | 151200828 | 151200831   | 151200830 |
| 15           | 151200833   | 151200832 | 151200835  | 151200834 | 151200837  | 151200836 | 151200839  | 151200838 | 151200841  | 151200840 | 151200843  | 151200842 | 151200845  | 151200844 | 151200847  | 151200846 | 151200849  | 151200848 | 151200851   | 151200850 | 151200853   | 151200852 |
| 17           | 151200855   | 151200854 | 151200857  | 151200856 | 151200859  | 151200858 | 151200861  | 151200860 | 151200863  | 151200862 | 151200865  | 151200864 | 151200867  | 151200866 | 151200869  | 151200868 | 151200871  | 151200870 | 151200873   | 151200872 | 151200875   | 151200874 |
| 19           | 151200877   | 151200876 | 151200879  | 151200878 | 151200881  | 151200880 | 151200883  | 151200882 | 151200885  | 151200884 | 151200887  | 151200886 | 151200889  | 151200888 | 151200891  | 151200890 | 151200893  | 151200892 | 151200895   | 151200894 | 151200897   | 151200896 |
| 21           | 151200899   | 151200898 | 151200901  | 151200900 | 151200903  | 151200902 | 151200905  | 151200904 | 151200907  | 151200906 | 151200909  | 151200908 | 151200911  | 151200910 | 151200913  | 151200912 | 151200915  | 151200914 | 151200917   | 151200916 | 151200919   | 151200918 |
| 23           | 151200921   | 151200920 | 151200923  | 151200922 | 151200925  | 151200924 | 151200927  | 151200926 | 151200929  | 151200928 | 151200931  | 151200930 | 151200933  | 151200932 | 151200935  | 151200934 | 151200937  | 151200936 | 151200939   | 151200938 | 151200941   | 151200940 |
| 25           | 151200943   | 151200942 | 151200945  | 151200944 | 151200947  | 151200946 | 151200949  | 151200948 | 151200951  | 151200950 | 151200953  | 151200952 | 151200955  | 151200954 | 151200957  | 151200956 | 151200959  | 151200958 | 151200961   | 151200960 | 151200963   | 151200962 |
| 27           | 151200965   | 151200964 | 151200967  | 151200966 | 151200969  | 151200968 | 151200971  | 151200970 | 151200973  | 151200972 | 151200975  | 151200974 | 151200977  | 151200976 | 151200979  | 151200978 | 151200981  | 151200980 | 151200983   | 151200982 | 151200985   | 151200984 |
| 29           | 151200987   | 151200986 | 151200989  | 151200988 | 151200991  | 151200990 | 151200993  | 151200992 | 151200995  | 151200994 | 151200997  | 151200996 | 151200999  | 151200998 | 151201001  | 151201000 | 151201003  | 151201002 | 151201005   | 151201004 | 151201007   | 151201006 |
| 31           | 151201009   | 151201008 | 151201011  | 151201010 | 151201013  | 151201012 | 151201015  | 151201014 | 151201017  | 151201016 | 151201019  | 151201018 | 151201021  | 151201020 | 151201023  | 151201022 | 151201025  | 151201024 | 151201027   | 151201026 | 151201029   | 151201028 |
| 33           | 151201031   | 151201030 | 151201033  | 151201032 | 151201035  | 151201034 | 151201037  | 151201036 | 151201039  | 151201038 | 151201041  | 151201040 | 151201043  | 151201042 | 151201045  | 151201044 | 151201047  | 151201046 | 151201049   | 151201048 | 151201051   | 151201050 |
| 35           | 151201053   | 151201052 | 151201055  | 151201054 | 151201057  | 151201056 | 151201059  | 151201058 | 151201061  | 151201060 | 151201063  | 151201062 | 151201065  | 151201064 | 151201067  | 151201066 | 151201069  | 151201068 | 151201071   | 151201070 | 151201073   | 151201072 |
| 37           | 151201075   | 151201074 | 151201077  | 151201076 | 151201079  | 151201078 | 151201081  | 151201080 | 151201083  | 151201082 | 151201085  | 151201084 | 151201087  | 151201086 | 151201089  | 151201088 | 151201091  | 151201090 | 151201093   | 151201092 | 151201095   | 151201094 |
| 39           | 151201097   | 151201096 | 151201099  | 151201098 | 151201101  | 151201100 | 151201103  | 151201102 | 151201105  | 151201104 | 151201107  | 151201106 | 151201109  | 151201108 | 151201111  | 151201110 | 151201113  | 151201112 | 151201115   | 151201114 | 151201117   | 151201116 |
| 41           | 151201119   | 151201118 | 151201121  | 151201120 | 151201123  | 151201122 | 151201125  | 151201124 | 151201127  | 151201126 | 151201129  | 151201128 | 151201131  | 151201130 | 151201133  | 151201132 | 151201135  | 151201134 | 151201137   | 151201136 | 151201139   | 151201138 |
| 43           | 151201141   | 151201140 | 151201143  | 151201142 | 151201145  | 151201144 | 151201147  | 151201146 | 151201149  | 151201148 | 151201151  | 151201150 | 151201153  | 151201152 | 151201155  | 151201154 | 151201157  | 151201156 | 151201159   | 151201158 | 151201161   | 151201160 |
| 45           | 151201163   | 151201162 | 151201165  | 151201164 | 151201167  | 151201166 | 151201169  | 151201168 | 151201171  | 151201170 | 151201173  | 151201172 | 151201175  | 151201174 | 151201177  | 151201176 | 151201179  | 151201178 | 151201181   | 151201180 | 151201183   | 151201182 |
| 47           | 151201185   | 151201184 | 151201187  | 151201186 | 151201189  | 151201188 | 151201191  | 151201190 | 151201193  | 151201192 | 151201195  | 151201194 | 151201197  | 151201196 | 151201199  | 151201198 | 151201201  | 151201200 | 151201203   | 151201202 | 151201205   | 151201204 |
| 49           | 151201207   | 151201206 | 151201209  | 151201208 | 151201211  | 151201210 | 151201213  | 151201212 | 151201215  | 151201214 | 151201217  | 151201216 | 151201219  | 151201218 | 151201221  | 151201220 | 151201223  | 151201222 | 151201225   | 151201224 | 151201227   | 151201226 |
| 51           | 151201229   | 151201228 | 151201231  | 151201230 | 151201233  | 151201232 | 151201235  | 151201234 | 151201237  | 151201236 | 151201239  | 151201238 | 151201241  | 151201240 | 151201243  | 151201242 | 151201245  | 151201244 | 151201247   | 151201246 | 151201249   | 151201248 |
| 53           | 151201251   | 151201250 | 151201253  | 151201252 | 151201255  | 151201254 | 151201257  | 151201256 | 151201259  | 151201258 | 151201261  | 151201260 | 151201263  | 151201262 | 151201265  | 151201264 | 151201267  | 151201266 | 151201269   | 151201268 | 151201271   | 151201270 |
| 55           | 151201273   | 151201272 | 151201275  | 151201274 | 151201277  | 151201276 | 151201279  | 151201278 | 151201281  | 151201280 | 151201283  | 151201282 | 151201285  | 151201284 | 151201287  | 151201286 | 151201289  | 151201288 | 151201291   | 151201290 | 151201293   | 151201292 |
| 57           | 151201295   | 151201294 | 151201297  | 151201296 | 151201299  | 151201298 | 151201301  | 151201300 | 151201303  | 151201302 | 151201305  | 151201304 | 151201307  | 151201306 | 151201309  | 151201308 | 151201311  | 151201310 | 151201313   | 151201312 | 151201315   | 151201314 |
| 59           | 151201317   | 151201316 | 151201319  | 151201318 | 151201321  | 151201320 | 151201323  | 151201322 | 151201325  | 151201324 | 151201327  | 151201326 | 151201329  | 151201328 | 151201331  | 151201330 | 151201333  | 151201332 | 151201335   | 151201334 | 151201337   | 151201336 |
| 61           | 151201339   | 151201338 | 151201341  | 151201340 | 151201343  | 151201342 | 151201345  | 151201344 | 151201347  | 151201346 | 151201349  | 151201348 | 151201351  | 151201350 | 151201353  | 151201352 | 151201355  | 151201354 | 151201357   | 151201356 | 151201359   | 151201358 |



**END TAIL DETAIL**  
SCALE 10:1



**CROSS-SECTION**

|   |  |       |  |   |  |  |  |                 |  |  |  |
|---|--|-------|--|---|--|--|--|-----------------|--|--|--|
| 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: SERIES NUMBER EXPANSION   |  |  |  |                 |  |  |  |
| MM  |  | NA    |  | <div style="text-align: right; font-size: 2em; font-weight: bold;">molex</div> <p>0.50MM CENTER FLAT FLEX CABLE (FFC)<br/>(105°C, AU PLATING, EXTRA-FLEX) SALES DRAWING</p> <p>PRODUCT CUSTOMER DRAWING</p> |  |  |  |                 |  |  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)   |  |       |  |   |  |  |  |                 |  |  |  |
|   |  |       |  |   |  |  |  |                 |  |  |  |
| 4 PLACES  |  | ±---- |  |   |  |  |  |                 |  |  |  |
| 3 PLACES  |  | ±---- |  |   |  |  |  |                 |  |  |  |
| 2 PLACES  |  | ±---- |  |   |  |  |  |                 |  |  |  |
| 1 PLACE   |  | ±---- |  |   |  |  |  |                 |  |  |  |
| 0 PLACES  |  | ±---- |  |   |  |  |  |                 |  |  |  |
| ANGULAR TOL ± 0.5 °   |  |       |  | EC NO: 753551   |  |  |  | DRWN: DIEGOG7   |  |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |  |       |  | THIRD ANGLE PROJECTION  |  |  |  | DRAWING         |  |  |  |
|   |  |       |  | SERIES  |  |  |  | MATERIAL NUMBER |  |  |  |
|   |  |       |  | C-SIZE  |  |  |  | CUSTOMER        |  |  |  |
|   |  |       |  | 15120   |  |  |  | GENERAL MARKET  |  |  |  |
|   |  |       |  | PSD   |  |  |  | SHEET NUMBER    |  |  |  |
|   |  |       |  | 000   |  |  |  | 2 OF 2          |  |  |  |
|   |  |       |  | B   |  |  |  |                 |  |  |  |