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

"L" DIM. →

30 ± 2 MM

REF DIM →

(1.18 INCH)

CABLE TYPE →

A

CIRCUITS "N" ↓

D

51 ± 2 MM

(2 INCHES)

A

D

76 ± 3 MM

(3 INCHES)

A

D

102 ± 3 MM

(4 INCHES)

A

D

127 ± 4 MM

(5 INCHES)

A

D

152 ± 4 MM

(6 INCHES)

A

D

178 ± 4 MM

(7 INCHES)

A

D

203 ± 4 MM

(8 INCHES)

A

D

229 ± 5 MM

(9 INCHES)

A

D

254 ± 5 MM

(10 INCHES)

A

D

305 ± 5 MM

(12 INCHES)

A

D

4

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1

4.00±0.80

CONTACT AREA

(2 PLACES)

L

0.3 ±0.05

6.00±2.00

STIFFENER

(2 PLACES)

TYPE A

TYPE D

FUNCTIONAL SYMBOLS

FA=0

FC=0

FE=0

DIVISIONAL SYMBOLS

DIMENSION UNITS

MM

SCALE

2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAWING

C-SIZE

SERIES

15020

CURRENT REV DESC: 4, 5, 51-61, 64, 68, 70, 80 CKTS

ADDED TO CHART

STATUS:Production

DRWN: DIEGO ANDRES GOMEZ

2023-07-27

CHK'D: MATTHEW IMIG

2023-08-08

APPR: DAVID FALLA

2023-08-08

PRODUCT SALES DRAWING

DOCUMENT NUMBER

SD-15020-001

DOC TYPE

PSD

DOC PART

001

REVISION

E

MATERIAL NUMBER

150200001

CUSTOMER

GENERAL MARKET

SHEET NUMBER

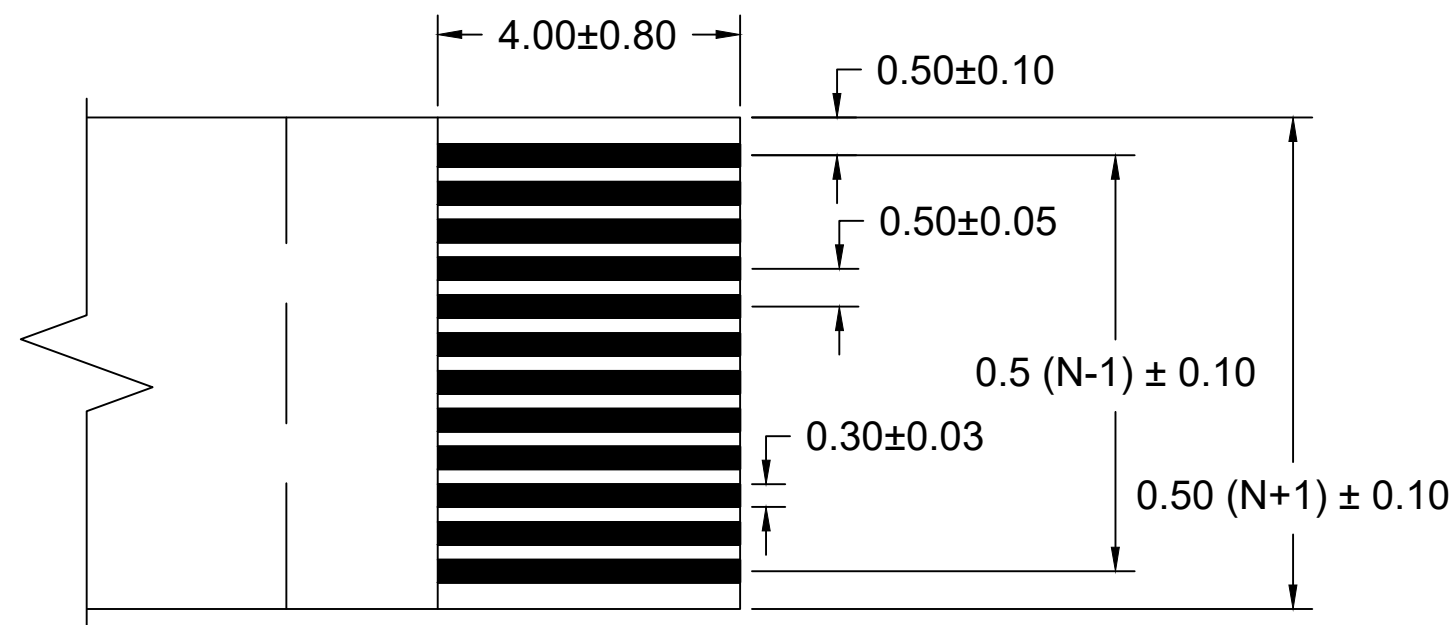
1 OF 2

0.50MM CENTER FLAT FLEX CABLE (FFC)

(105°C, AU PLATING) SALES DRAWING

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

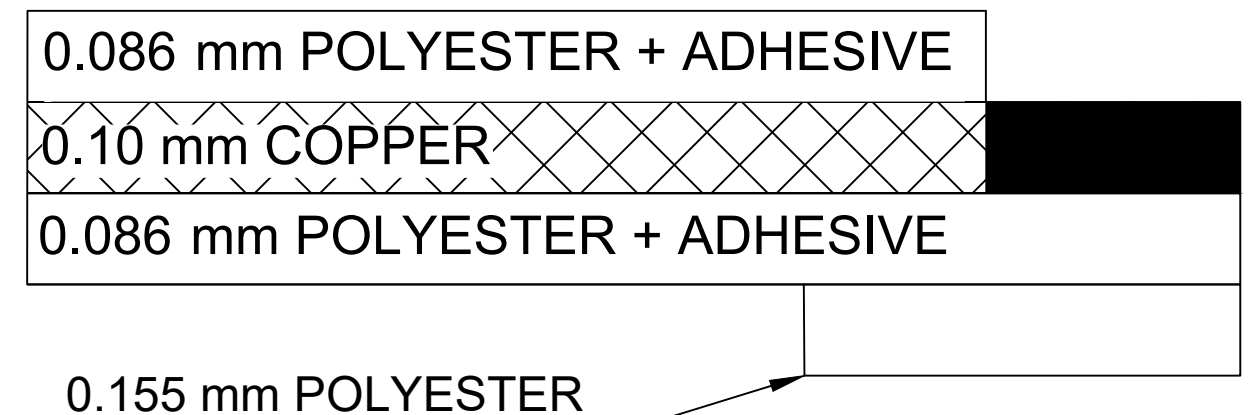
| H | "L" DIM. →     | 30 ± 2 MM   |           | 51 ± 2 MM  |           | 76 ± 3 MM  |           | 102 ± 3 MM |           | 127 ± 4 MM |           | 152 ± 4 MM |           | 178 ± 4 MM |           | 203 ± 4 MM |           | 229 ± 5 MM |           | 254 ± 5 MM  |           | 305 ± 5 MM  |           |
|---|----------------|-------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|-------------|-----------|-------------|-----------|
|   | 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         |             |           |
|   | CIRCUITS "N" ↓ |             |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |             |           |             |           |
|   | 5              | 150200723   | 150200722 | 150200725  | 150200724 | 150200727  | 150200726 | 150200729  | 150200728 | 150200731  | 150200730 | 150200733  | 150200732 | 150200735  | 150200734 | 150200737  | 150200736 | 150200739  | 150200738 | 150200741   | 150200740 | 150200743   | 150200742 |
|   | 7              | 150200745   | 150200744 | 150200747  | 150200746 | 150200749  | 150200748 | 150200751  | 150200750 | 150200753  | 150200752 | 150200755  | 150200754 | 150200757  | 150200756 | 150200759  | 150200758 | 150200761  | 150200760 | 150200763   | 150200762 | 150200765   | 150200764 |
|   | 9              | 150200767   | 150200766 | 150200769  | 150200768 | 150200771  | 150200770 | 150200773  | 150200772 | 150200775  | 150200774 | 150200777  | 150200776 | 150200779  | 150200778 | 150200781  | 150200780 | 150200783  | 150200782 | 150200785   | 150200784 | 150200787   | 150200786 |
| G | 11             | 150200789   | 150200788 | 150200791  | 150200790 | 150200793  | 150200792 | 150200795  | 150200794 | 150200797  | 150200796 | 150200799  | 150200798 | 150200801  | 150200800 | 150200803  | 150200802 | 150200805  | 150200804 | 150200807   | 150200806 | 150200809   | 150200808 |
|   | 13             | 150200811   | 150200810 | 150200813  | 150200812 | 150200815  | 150200814 | 150200817  | 150200816 | 150200819  | 150200818 | 150200821  | 150200820 | 150200823  | 150200822 | 150200825  | 150200824 | 150200827  | 150200826 | 150200829   | 150200828 | 150200831   | 150200830 |
|   | 15             | 150200833   | 150200832 | 150200835  | 150200834 | 150200837  | 150200836 | 150200839  | 150200838 | 150200841  | 150200840 | 150200843  | 150200842 | 150200845  | 150200844 | 150200847  | 150200846 | 150200849  | 150200848 | 150200851   | 150200850 | 150200853   | 150200852 |
|   | 17             | 150200855   | 150200854 | 150200857  | 150200856 | 150200859  | 150200858 | 150200861  | 150200860 | 150200863  | 150200862 | 150200865  | 150200864 | 150200867  | 150200866 | 150200869  | 150200868 | 150200871  | 150200870 | 150200873   | 150200872 | 150200875   | 150200874 |
|   | 19             | 150200877   | 150200876 | 150200879  | 150200878 | 150200881  | 150200880 | 150200883  | 150200882 | 150200885  | 150200884 | 150200887  | 150200886 | 150200889  | 150200888 | 150200891  | 150200890 | 150200893  | 150200892 | 150200895   | 150200894 | 150200897   | 150200896 |
|   | 21             | 150200899   | 150200898 | 150200901  | 150200900 | 150200903  | 150200902 | 150200905  | 150200904 | 150200907  | 150200906 | 150200909  | 150200908 | 150200911  | 150200910 | 150200913  | 150200912 | 150200915  | 150200914 | 150200917   | 150200916 | 150200919   | 150200918 |
|   | 23             | 150200921   | 150200920 | 150200923  | 150200922 | 150200925  | 150200924 | 150200927  | 150200926 | 150200929  | 150200928 | 150200931  | 150200930 | 150200933  | 150200932 | 150200935  | 150200934 | 150200937  | 150200936 | 150200939   | 150200938 | 150200941   | 150200940 |
|   | 25             | 150200943   | 150200942 | 150200945  | 150200944 | 150200947  | 150200946 | 150200949  | 150200948 | 150200951  | 150200950 | 150200953  | 150200952 | 150200955  | 150200954 | 150200957  | 150200956 | 150200959  | 150200958 | 150200961   | 150200960 | 150200963   | 150200962 |
|   | 27             | 150200965   | 150200964 | 150200967  | 150200966 | 150200969  | 150200968 | 150200971  | 150200970 | 150200973  | 150200972 | 150200975  | 150200974 | 150200977  | 150200976 | 150200979  | 150200978 | 150200981  | 150200980 | 150200983   | 150200982 | 150200985   | 150200984 |
|   | 29             | 150200987   | 150200986 | 150200989  | 150200988 | 150200991  | 150200990 | 150200993  | 150200992 | 150200995  | 150200994 | 150200997  | 150200996 | 150200999  | 150200998 | 150201001  | 150201000 | 150201003  | 150201002 | 150201005   | 150201004 | 150201007   | 150201006 |
| F | 31             | 150201009   | 150201008 | 150201011  | 150201010 | 150201013  | 150201012 | 150201015  | 150201014 | 150201017  | 150201016 | 150201019  | 150201018 | 150201021  | 150201020 | 150201023  | 150201022 | 150201025  | 150201024 | 150201027   | 150201026 | 150201029   | 150201028 |
|   | 33             | 150201031   | 150201030 | 150201033  | 150201032 | 150201035  | 150201034 | 150201037  | 150201036 | 150201039  | 150201038 | 150201041  | 150201040 | 150201043  | 150201042 | 150201045  | 150201044 | 150201047  | 150201046 | 150201049   | 150201048 | 150201051   | 150201050 |
|   | 35             | 150201053   | 150201052 | 150201055  | 150201054 | 150201057  | 150201056 | 150201059  | 150201058 | 150201061  | 150201060 | 150201063  | 150201062 | 150201065  | 150201064 | 150201067  | 150201066 | 150201069  | 150201068 | 150201071   | 150201070 | 150201073   | 150201072 |
|   | 37             | 150201075   | 150201074 | 150201077  | 150201076 | 150201079  | 150201078 | 150201081  | 150201080 | 150201083  | 150201082 | 150201085  | 150201084 | 150201087  | 150201086 | 150201089  | 150201088 | 150201091  | 150201090 | 150201093   | 150201092 | 150201095   | 150201094 |
|   | 39             | 150201097   | 150201096 | 150201099  | 150201098 | 150201101  | 150201100 | 150201103  | 150201102 | 150201105  | 150201104 | 150201107  | 150201106 | 150201109  | 150201108 | 150201111  | 150201110 | 150201113  | 150201112 | 150201115   | 150201114 | 150201117   | 150201116 |
|   | 41             | 150201119   | 150201118 | 150201121  | 150201120 | 150201123  | 150201122 | 150201125  | 150201124 | 150201127  | 150201126 | 150201129  | 150201128 | 150201131  | 150201130 | 150201133  | 150201132 | 150201135  | 150201134 | 150201137   | 150201136 | 150201139   | 150201138 |
|   | 43             | 150201141   | 150201140 | 150201143  | 150201142 | 150201145  | 150201144 | 150201147  | 150201146 | 150201149  | 150201148 | 150201151  | 150201150 | 150201153  | 150201152 | 150201155  | 150201154 | 150201157  | 150201156 | 150201159   | 150201158 | 150201161   | 150201160 |
|   | 45             | 150201163   | 150201162 | 150201165  | 150201164 | 150201167  | 150201166 | 150201169  | 150201168 | 150201171  | 150201170 | 150201173  | 150201172 | 150201175  | 150201174 | 150201177  | 150201176 | 150201179  | 150201178 | 150201181   | 150201180 | 150201183   | 150201182 |
|   | 47             | 150201185   | 150201184 | 150201187  | 150201186 | 150201189  | 150201188 | 150201191  | 150201190 | 150201193  | 150201192 | 150201195  | 150201194 | 150201197  | 150201196 | 150201199  | 150201198 | 150201201  | 150201200 | 150201203   | 150201202 | 150201205   | 150201204 |
|   | 49             | 150201207   | 150201206 | 150201209  | 150201208 | 150201211  | 150201210 | 150201213  | 150201212 | 150201215  | 150201214 | 150201217  | 150201216 | 150201219  | 150201218 | 150201221  | 150201220 | 150201223  | 150201222 | 150201225   | 150201224 | 150201227   | 150201226 |
| E | 51             | 150201229   | 150201228 | 150201231  | 150201230 | 150201233  | 150201232 | 150201235  | 150201234 | 150201237  | 150201236 | 150201239  | 150201238 | 150201241  | 150201240 | 150201243  | 150201242 | 150201245  | 150201244 | 150201247   | 150201246 | 150201249   | 150201248 |
|   | 53             | 150201251   | 150201250 | 150201253  | 150201252 | 150201255  | 150201254 | 150201257  | 150201256 | 150201259  | 150201258 | 150201261  | 150201260 | 150201263  | 150201262 | 150201265  | 150201264 | 150201267  | 150201266 | 150201269   | 150201268 | 150201271   | 150201270 |
|   | 55             | 150201273   | 150201272 | 150201275  | 150201274 | 150201277  | 150201276 | 150201279  | 150201278 | 150201281  | 150201280 | 150201283  | 150201282 | 150201285  | 150201284 | 150201287  | 150201286 | 150201289  | 150201288 | 150201291   | 150201290 | 150201293   | 150201292 |
|   | 57             | 150201295   | 150201294 | 150201297  | 150201296 | 150201299  | 150201298 | 150201301  | 150201300 | 150201303  | 150201302 | 150201305  | 150201304 | 150201307  | 150201306 | 150201309  | 150201308 | 150201311  | 150201310 | 150201313   | 150201312 | 150201315   | 150201314 |
|   | 59             | 150201317   | 150201316 | 150201319  | 150201318 | 150201321  | 150201320 | 150201323  | 150201322 | 150201325  | 150201324 | 150201327  | 150201326 | 150201329  | 150201328 | 150201331  | 150201330 | 150201333  | 150201332 | 150201335   | 150201334 | 150201337   | 150201336 |
|   | 61             | 150201339   | 150201338 | 150201341  | 150201340 | 150201343  | 150201342 | 150201345  | 150201344 | 150201347  | 150201346 | 150201349  | 150201348 | 150201351  | 150201350 | 150201353  | 150201352 | 150201355  | 150201354 | 150201357   | 150201356 | 150201359   | 150201358 |



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.



### CROSS-SECTION

|                                                              |  |                                                                                                                                               |                                 |
|--------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FUNCTIONAL SYMBOLS                                           |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                 |
| <div> <div>FA=0</div> <div>FE=0</div> <div>FD=0</div> </div> |  | <div>DIMENSION UNITS</div> <div>MM</div>                                                                                                      | <div>SCALE</div> <div>2:1</div> |
| DIVISIONAL SYMBOLS                                           |  | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                                 |
|                                                              |  |                                                                                                                                               |                                 |
|                                                              |  | mm                                                                                                                                            | INCH                            |
|                                                              |  | 4 PLACES                                                                                                                                      | ±---- ±----                     |
|                                                              |  | 3 PLACES                                                                                                                                      | ±---- ±----                     |
|                                                              |  | 2 PLACES                                                                                                                                      | ±---- ±----                     |
|                                                              |  | CURRENT REV DESC: 4, 5, 51-61, 64, 68, 70, 80 CKTS<br>ADDED TO CHART                                                                          |                                 |
|                                                              |  | STATUS:Production                                                                                                                             |                                 |
|                                                              |  | DRWN: DIEGO ANDRES GOMEZ 2023-07-27                                                                                                           |                                 |
|                                                              |  | CHK'D: MATTHEW IMIG 2023-08-08                                                                                                                |                                 |
|                                                              |  | APPR: DAVID FALLA 2023-08-08                                                                                                                  |                                 |
|                                                              |  | ANGULAR TOL ± 0.5 °                                                                                                                           |                                 |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS   |  | THIRD ANGLE PROJECTION                                                                                                                        | DRAWING                         |
|                                                              |  |                                                                                                                                               | C-SIZE                          |
|                                                              |  | SERIES                                                                                                                                        | 15020                           |
|                                                              |  | MATERIAL NUMBER                                                                                                                               | 150200001                       |
|                                                              |  | CUSTOMER                                                                                                                                      | GENERAL MARKET                  |
|                                                              |  | SHEET NUMBER                                                                                                                                  | 2 OF 2                          |