# 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 → / CIRCUITS "N" ↓ | A | D | A | D | A | D | A | D | A | D | A | D | A | D | A | D | A | D | A | D | A | D |
| 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 |
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| 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 |
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| 24 | 151660249 | 151660250 | 151660251 | 151660252 | 151660253 | 151660254 | 151660255 | 151660256 | 151660257 | 151660258 | 151660259 | 151660260 | 151660261 | 151660262 | 151660263 | 151660264 | 151660265 | 151660266 | 151660267 | 151660268 | 151660269 | 151660270 |
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| 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 |
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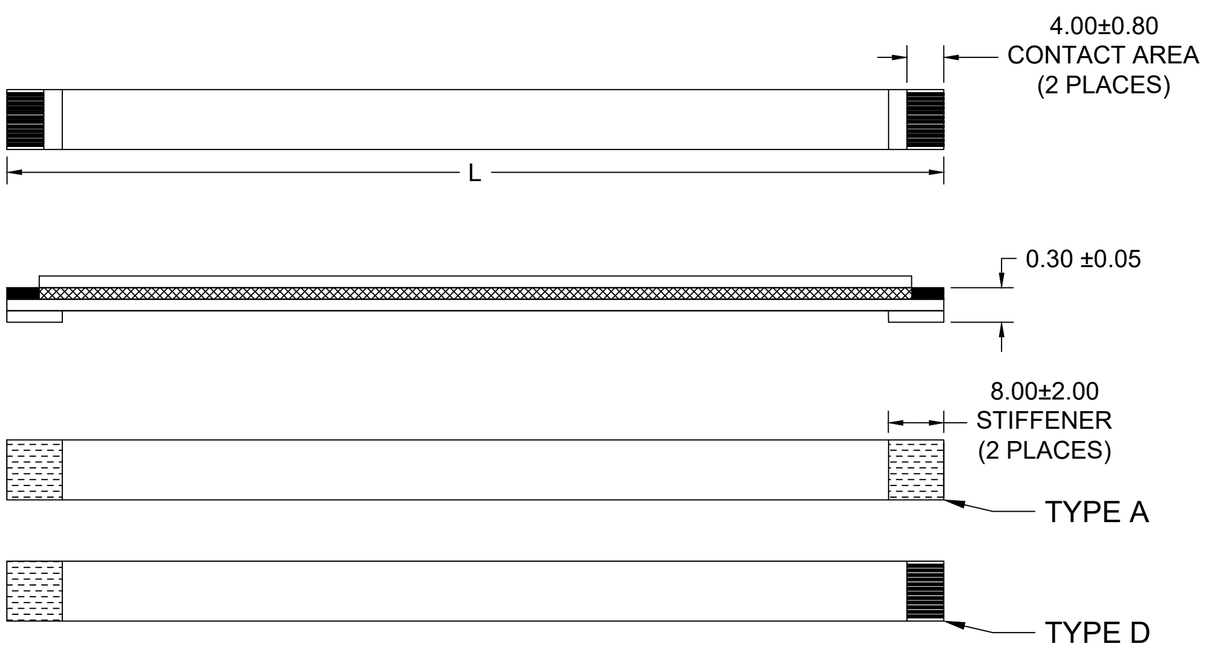


## NOTES:

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

FUNCTIONAL SYMBOLS
FA=0
FC=0
FP=0
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 |
|---|---|
| MM | 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

CURRENT REV DESC: PN 982331083 REPLACED WITH 151661083

STATUS: Production
DRWN: DIEGO GOMEZ 2024-01-02
CHK'D: MATTHEW IMIG 2024-04-23
APPR: DAVID FALLA 2024-04-23

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 15166

molex

0.50MM CENTER FLAT FLEX CABLE (FFC)
(EXTRA FLEXIBLE, 105°C, SN PLATED) SALES DRAWING

PRODUCT SALES DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-15166-001 | PSD | 001 | E |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| 151660001 | GENERAL MARKET | 1 OF 2 |

FORMAT: IN-ACAD-tb-prod-C
REVISION: A
DATE: 2023/02/21

# 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" ↓ | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 151660745 | 151660744 | 151660747 | 151660746 | 151660749 | 151660748 | 151660751 | 151660750 | 151660753 | 151660752 | 151660755 | 151660754 | 151660757 | 151660756 | 151660759 | 151660758 | 151660761 | 151660760 | 151660763 | 151660762 | 151660765 | 151660764 |
| 9 | 151660767 | 151660766 | 151660769 | 151660768 | 151660771 | 151660770 | 151660773 | 151660772 | 151660775 | 151660774 | 151660777 | 151660776 | 151660779 | 151660778 | 151660781 | 151660780 | 151660783 | 151660782 | 151660785 | 151660784 | 151660787 | 151660786 |
| 11 | 151660789 | 151660788 | 151660791 | 151660790 | 151660793 | 151660792 | 151660795 | 151660794 | 151660797 | 151660796 | 151660799 | 151660798 | 151660801 | 151660800 | 151660803 | 151660802 | 151660805 | 151660804 | 151660807 | 151660806 | 151660809 | 151660808 |
| 13 | 151660811 | 151660810 | 151660813 | 151660812 | 151660815 | 151660814 | 151660817 | 151660816 | 151660819 | 151660818 | 151660821 | 151660820 | 151660823 | 151660822 | 151660825 | 151660824 | 151660827 | 151660826 | 151660829 | 151660828 | 151660831 | 151660830 |
| 15 | 151660833 | 151660832 | 151660835 | 151660834 | 151660837 | 151660836 | 151660839 | 151660838 | 151660841 | 151660840 | 151660843 | 151660842 | 151660845 | 151660844 | 151660847 | 151660846 | 151660849 | 151660848 | 151660851 | 151660850 | 151660853 | 151660852 |
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| 21 | 151660899 | 151660898 | 151660901 | 151660900 | 151660903 | 151660902 | 151660905 | 151660904 | 151660907 | 151660906 | 151660909 | 151660908 | 151660911 | 151660910 | 151660913 | 151660912 | 151660915 | 151660914 | 151660917 | 151660916 | 151660919 | 151660918 |
| 23 | 151660921 | 151660920 | 151660923 | 151660922 | 151660925 | 151660924 | 151660927 | 151660926 | 151660929 | 151660928 | 151660931 | 151660930 | 151660933 | 151660932 | 151660935 | 151660934 | 151660937 | 151660936 | 151660939 | 151660938 | 151660941 | 151660940 |
| 25 | 151660943 | 151660942 | 151660945 | 151660944 | 151660947 | 151660946 | 151660949 | 151660948 | 151660951 | 151660950 | 151660953 | 151660952 | 151660955 | 151660954 | 151660957 | 151660956 | 151660959 | 151660958 | 151660961 | 151660960 | 151660963 | 151660962 |
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| 29 | 151660987 | 151660986 | 151660989 | 151660988 | 151660991 | 151660990 | 151660993 | 151660992 | 151660995 | 151660994 | 151660997 | 151660996 | 151660999 | 151660998 | 151661001 | 151661000 | 151661003 | 151661002 | 151661005 | 151661004 | 151661007 | 151661006 |
| 31 | 151661009 | 151661008 | 151661011 | 151661010 | 151661013 | 151661012 | 151661015 | 151661014 | 151661017 | 151661016 | 151661019 | 151661018 | 151661021 | 151661020 | 151661023 | 151661022 | 151661025 | 151661024 | 151661027 | 151661026 | 151661029 | 151661028 |
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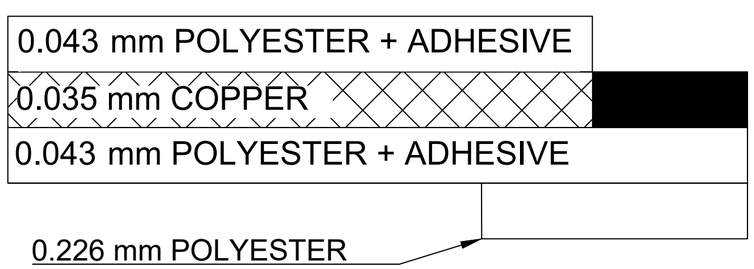
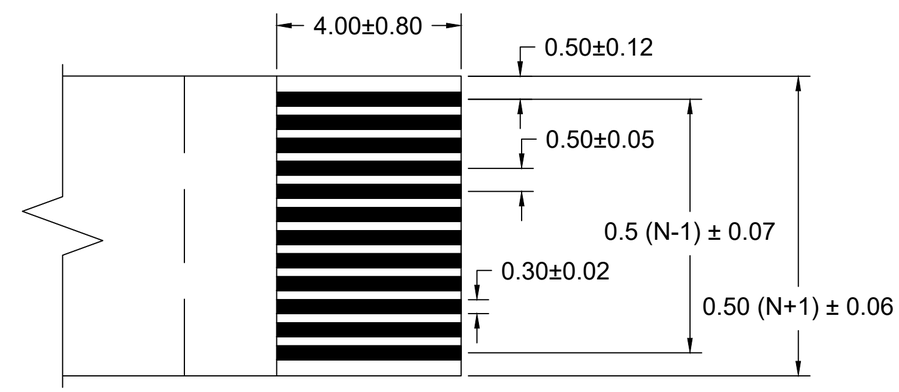
| 49 | 151661207 | 151661206 | 151661209 | 151661208 | 151661211 | 151661210 | 151661213 | 151661212 | 151661215 | 151661214 | 151661217 | 151661216 | 151661219 | 151661218 | 151661221 | 151661220 | 151661223 | 151661222 | 151661225 | 151661224 | 151661227 | 151661226 |




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.

FUNCTIONAL SYMBOLS: FA=0, FC=0, FP=0

DIVISIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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

CURRENT REV DESC: PN 982331083 REPLACED WITH 151661083

STATUS: Production
DRWN: DIEGO GOMEZ 2024-01-02
CHK'D: MATTHEW IMIG 2024-04-23
APPR: DAVID FALLA 2024-04-23

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 15166

molex

0.50MM CENTER FLAT FLEX CABLE (FFC)
(EXTRA FLEXIBLE, 105°C, SN PLATED) SALES DRAWING

PRODUCT SALES DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-15166-001 | PSD | 001 | E |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| 151660001 | GENERAL MARKET | 2 OF 2 |

FORMAT: IN-ACAD-tb-prod-C
REVISION: A
DATE: 2023/02/21