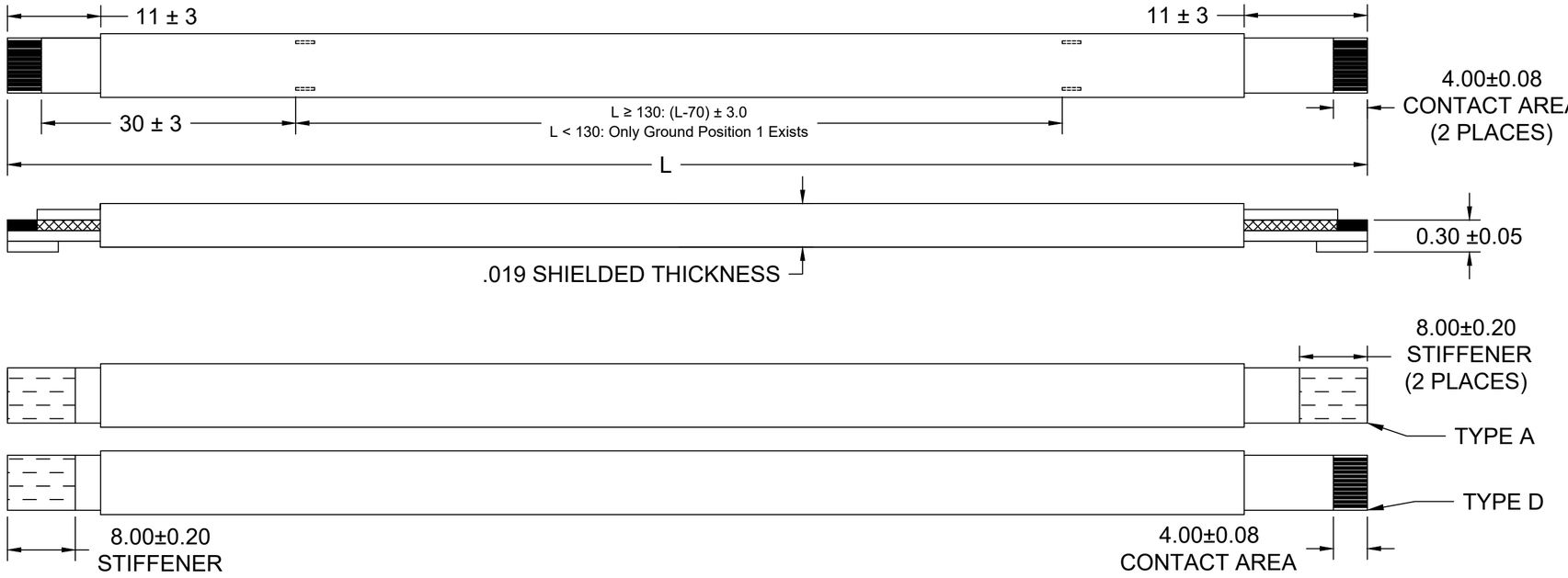
# 0.50mm PITCH FLAT FLEXIBLE CABLE (SHIELDED, 105°C, Sn PLATING)

| "L" DIM. → | 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 → | (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" ↓ | | | | | | | | | | | | | | | | | | | | |
| 4 | 153660031 | 153660032 | 153660033 | 153660034 | 153660035 | 153660036 | 153660037 | 153660038 | 153660039 | 153660040 | 153660041 | 153660042 | 153660043 | 153660044 | 153660045 | 153660046 | 153660047 | 153660048 | 153660049 | 153660050 |
| 6 | 153660053 | 153660054 | 153660055 | 153660056 | 153660057 | 153660058 | 153660059 | 153660060 | 153660061 | 153660062 | 153660063 | 153660064 | 153660065 | 153660066 | 153660067 | 153660068 | 153660069 | 153660070 | 153660071 | 153660072 |
| 8 | 153660075 | 153660076 | 153660077 | 153660078 | 153660079 | 153660080 | 153660081 | 153660082 | 153660083 | 153660084 | 153660085 | 153660086 | 153660087 | 153660088 | 153660089 | 153660090 | 153660091 | 153660092 | 153660093 | 153660094 |
| 10 | 153660097 | 153660098 | 153660099 | 153660100 | 153660101 | 153660102 | 153660103 | 153660104 | 153660105 | 153660106 | 153660107 | 153660108 | 153660109 | 153660110 | 153660111 | 153660112 | 153660113 | 153660114 | 153660115 | 153660116 |
| 12 | 153660119 | 153660120 | 153660121 | 153660122 | 153660123 | 153660124 | 153660125 | 153660126 | 153660127 | 153660128 | 153660129 | 153660130 | 153660131 | 153660132 | 153660133 | 153660134 | 153660135 | 153660136 | 153660137 | 153660138 |
| 14 | 153660141 | 153660142 | 153660143 | 153660144 | 153660145 | 153660146 | 153660147 | 153660148 | 153660149 | 153660150 | 153660151 | 153660152 | 153660153 | 153660154 | 153660155 | 153660156 | 153660157 | 153660158 | 153660159 | 153660160 |
| 16 | 153660163 | 153660164 | 153660165 | 153660166 | 153660167 | 153660168 | 153660169 | 153660170 | 153660171 | 153660172 | 153660173 | 153660174 | 153660175 | 153660176 | 153660177 | 153660178 | 153660179 | 153660180 | 153660181 | 153660182 |
| 18 | 153660185 | 153660186 | 153660187 | 153660188 | 153660189 | 153660190 | 153660191 | 153660192 | 153660193 | 153660194 | 153660195 | 153660196 | 153660197 | 153660198 | 153660199 | 153660200 | 153660201 | 153660202 | 153660203 | 153660204 |
| 20 | 153660207 | 153660208 | 153660209 | 153660210 | 153660211 | 153660212 | 153660213 | 153660214 | 153660215 | 153660216 | 153660217 | 153660218 | 153660219 | 153660220 | 153660221 | 153660222 | 153660223 | 153660224 | 153660225 | 153660226 |
| 22 | 153660229 | 153660230 | 153660231 | 153660232 | 153660233 | 153660234 | 153660235 | 153660236 | 153660237 | 153660238 | 153660239 | 153660240 | 153660241 | 153660242 | 153660243 | 153660244 | 153660245 | 153660246 | 153660247 | 153660248 |
| 24 | 153660251 | 153660252 | 153660253 | 153660254 | 153660255 | 153660256 | 153660257 | 153660258 | 153660259 | 153660260 | 153660261 | 153660262 | 153660263 | 153660264 | 153660265 | 153660266 | 153660267 | 153660268 | 153660269 | 153660270 |
| 26 | 153660273 | 153660274 | 153660275 | 153660276 | 153660277 | 153660278 | 153660279 | 153660280 | 153660281 | 153660282 | 153660283 | 153660284 | 153660285 | 153660286 | 153660287 | 153660288 | 153660289 | 153660290 | 153660291 | 153660292 |
| 28 | 153660295 | 153660296 | 153660297 | 153660298 | 153660299 | 153660300 | 153660301 | 153660302 | 153660303 | 153660304 | 153660305 | 153660306 | 153660307 | 153660308 | 153660309 | 153660310 | 153660311 | 153660312 | 153660313 | 153660314 |
| 30 | 153660317 | 153660318 | 153660319 | 153660320 | 153660321 | 153660322 | 153660323 | 153660324 | 153660325 | 153660326 | 153660327 | 153660328 | 153660329 | 153660330 | 153660331 | 153660332 | 153660333 | 153660334 | 153660335 | 153660336 |
| 32 | 153660339 | 153660340 | 153660341 | 153660342 | 153660343 | 153660344 | 153660345 | 153660346 | 153660347 | 153660348 | 153660349 | 153660350 | 153660351 | 153660352 | 153660353 | 153660354 | 153660355 | 153660356 | 153660357 | 153660358 |
| 34 | 153660361 | 153660362 | 153660363 | 153660364 | 153660365 | 153660366 | 153660367 | 153660368 | 153660369 | 153660370 | 153660371 | 153660372 | 153660373 | 153660374 | 153660375 | 153660376 | 153660377 | 153660378 | 153660379 | 153660380 |
| 36 | 153660383 | 153660384 | 153660385 | 153660386 | 153660387 | 153660388 | 153660389 | 153660390 | 153660391 | 153660392 | 153660393 | 153660394 | 153660395 | 153660396 | 153660397 | 153660398 | 153660399 | 153660400 | 153660401 | 153660402 |
| 38 | 153660405 | 153660406 | 153660407 | 153660408 | 153660409 | 153660410 | 153660411 | 153660412 | 153660413 | 153660414 | 153660415 | 153660416 | 153660417 | 153660418 | 153660419 | 153660420 | 153660421 | 153660422 | 153660423 | 153660424 |
| 40 | 153660427 | 153660428 | 153660429 | 153660430 | 153660431 | 153660432 | 153660433 | 153660434 | 153660435 | 153660436 | 153660437 | 153660438 | 153660439 | 153660440 | 153660441 | 153660442 | 153660443 | 153660444 | 153660445 | 153660446 |
| 42 | 153660449 | 153660450 | 153660451 | 153660452 | 153660453 | 153660454 | 153660455 | 153660456 | 153660457 | 153660458 | 153660459 | 153660460 | 153660461 | 153660462 | 153660463 | 153660464 | 153660465 | 153660466 | 153660467 | 153660468 |
| 44 | 153660471 | 153660472 | 153660473 | 153660474 | 153660475 | 153660476 | 153660477 | 153660478 | 153660479 | 153660480 | 153660481 | 153660482 | 153660483 | 153660484 | 153660485 | 153660486 | 153660487 | 153660488 | 153660489 | 153660490 |
| 46 | 153660493 | 153660494 | 153660495 | 153660496 | 153660497 | 153660498 | 153660499 | 153660500 | 153660501 | 153660502 | 153660503 | 153660504 | 153660505 | 153660506 | 153660507 | 153660508 | 153660509 | 153660510 | 153660511 | 153660512 |
| 48 | 153660515 | 153660516 | 153660517 | 153660518 | 153660519 | 153660520 | 153660521 | 153660522 | 153660523 | 153660524 | 153660525 | 153660526 | 153660527 | 153660528 | 153660529 | 153660530 | 153660531 | 153660532 | 153660533 | 153660534 |
| 50 | 153660537 | 153660538 | 153660539 | 153660540 | 153660541 | 153660542 | 153660543 | 153660544 | 153660545 | 153660546 | 153660547 | 153660548 | 153660549 | 153660550 | 153660551 | 153660552 | 153660553 | 153660554 | 153660555 | 153660556 |




## 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
3. CABLES MATE WITH MOLEX FFC/FPC CONNECTOR SERIES # 52745, 52746 & 52559

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 ± | ---- ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: 4 CKTS ROW 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 |

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 15366

molex

0.50MM CENTER FLAT FLEXIBLE CABLE
(SHIELDED, 105°C, SN PLATING) SALES DRAWING

PRODUCT SALES DRAWING

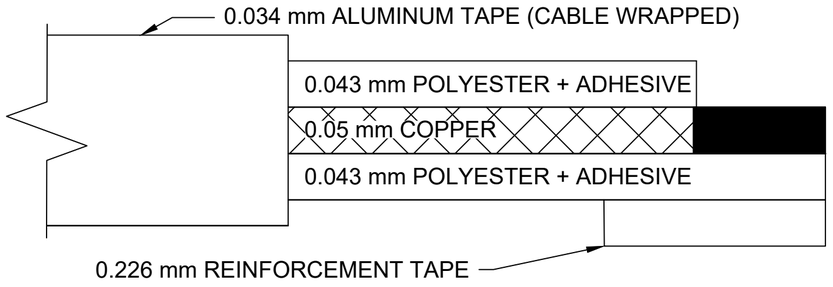
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 153660001 | PSD | 001 | E |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE CHART | GENERAL MARKET | 1 OF 2 |

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

# 0.50mm PITCH FLAT FLEXIBLE CABLE (SHIELDED, 105°C, Sn PLATING)

| "L" DIM. → | 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 → | (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" ↓ | | | | | | | | | | | | | | | | | | | | |
| 7 | 153660747 | 153660746 | 153660749 | 153660748 | 153660751 | 153660750 | 153660753 | 153660752 | 153660755 | 153660754 | 153660757 | 153660756 | 153660759 | 153660758 | 153660761 | 153660760 | 153660763 | 153660762 | 153660765 | 153660764 |
| 9 | 153660769 | 153660768 | 153660771 | 153660770 | 153660773 | 153660772 | 153660775 | 153660774 | 153660777 | 153660776 | 153660779 | 153660778 | 153660781 | 153660780 | 153660783 | 153660782 | 153660785 | 153660784 | 153660787 | 153660786 |
| 11 | 153660791 | 153660790 | 153660793 | 153660792 | 153660795 | 153660794 | 153660797 | 153660796 | 153660799 | 153660798 | 153660801 | 153660800 | 153660803 | 153660802 | 153660805 | 153660804 | 153660807 | 153660806 | 153660809 | 153660808 |
| 13 | 153660813 | 153660812 | 153660815 | 153660814 | 153660817 | 153660816 | 153660819 | 153660818 | 153660821 | 153660820 | 153660823 | 153660822 | 153660825 | 153660824 | 153660827 | 153660826 | 153660829 | 153660828 | 153660831 | 153660830 |
| 15 | 153660835 | 153660834 | 153660837 | 153660836 | 153660839 | 153660838 | 153660841 | 153660840 | 153660843 | 153660842 | 153660845 | 153660844 | 153660847 | 153660846 | 153660849 | 153660848 | 153660851 | 153660850 | 153660853 | 153660852 |
| 17 | 153660857 | 153660856 | 153660859 | 153660858 | 153660861 | 153660860 | 153660863 | 153660862 | 153660865 | 153660864 | 153660867 | 153660866 | 153660869 | 153660868 | 153660871 | 153660870 | 153660873 | 153660872 | 153660875 | 153660874 |
| 19 | 153660879 | 153660878 | 153660881 | 153660880 | 153660883 | 153660882 | 153660885 | 153660884 | 153660887 | 153660886 | 153660889 | 153660888 | 153660891 | 153660890 | 153660893 | 153660892 | 153660895 | 153660894 | 153660897 | 153660896 |
| 21 | 153660901 | 153660900 | 153660903 | 153660902 | 153660905 | 153660904 | 153660907 | 153660906 | 153660909 | 153660908 | 153660911 | 153660910 | 153660913 | 153660912 | 153660915 | 153660914 | 153660917 | 153660916 | 153660919 | 153660918 |
| 23 | 153660923 | 153660922 | 153660925 | 153660924 | 153660927 | 153660926 | 153660929 | 153660928 | 153660931 | 153660930 | 153660933 | 153660932 | 153660935 | 153660934 | 153660937 | 153660936 | 153660939 | 153660938 | 153660941 | 153660940 |
| 25 | 153660945 | 153660944 | 153660947 | 153660946 | 153660949 | 153660948 | 153660951 | 153660950 | 153660953 | 153660952 | 153660955 | 153660954 | 153660957 | 153660956 | 153660959 | 153660958 | 153660961 | 153660960 | 153660963 | 153660962 |
| 27 | 153660967 | 153660966 | 153660969 | 153660968 | 153660971 | 153660970 | 153660973 | 153660972 | 153660975 | 153660974 | 153660977 | 153660976 | 153660979 | 153660978 | 153660981 | 153660980 | 153660983 | 153660982 | 153660985 | 153660984 |
| 29 | 153660989 | 153660988 | 153660991 | 153660990 | 153660993 | 153660992 | 153660995 | 153660994 | 153660997 | 153660996 | 153660999 | 153660998 | 153661001 | 153661000 | 153661003 | 153661002 | 153661005 | 153661004 | 153661007 | 153661006 |
| 31 | 153661011 | 153661010 | 153661013 | 153661012 | 153661015 | 153661014 | 153661017 | 153661016 | 153661019 | 153661018 | 153661021 | 153661020 | 153661023 | 153661022 | 153661025 | 153661024 | 153661027 | 153661026 | 153661029 | 153661028 |
| 33 | 153661033 | 153661032 | 153661035 | 153661034 | 153661037 | 153661036 | 153661039 | 153661038 | 153661041 | 153661040 | 153661043 | 153661042 | 153661045 | 153661044 | 153661047 | 153661046 | 153661049 | 153661048 | 153661051 | 153661050 |
| 35 | 153661055 | 153661054 | 153661057 | 153661056 | 153661059 | 153661058 | 153661061 | 153661060 | 153661063 | 153661062 | 153661065 | 153661064 | 153661067 | 153661066 | 153661069 | 153661068 | 153661071 | 153661070 | 153661073 | 153661072 |
| 37 | 153661077 | 153661076 | 153661079 | 153661078 | 153661081 | 153661080 | 982331083 | 153661082 | 153661085 | 153661084 | 153661087 | 153661086 | 153661089 | 153661088 | 153661091 | 153661090 | 153661093 | 153661092 | 153661095 | 153661094 |
| 39 | 153661099 | 153661098 | 153661101 | 153661100 | 153661103 | 153661102 | 153661105 | 153661104 | 153661107 | 153661106 | 153661109 | 153661108 | 153661111 | 153661110 | 153661113 | 153661112 | 153661115 | 153661114 | 153661117 | 153661116 |
| 41 | 153661121 | 153661120 | 153661123 | 153661122 | 153661125 | 153661124 | 153661127 | 153661126 | 153661129 | 153661128 | 153661131 | 153661130 | 153661133 | 153661132 | 153661135 | 153661134 | 153661137 | 153661136 | 153661139 | 153661138 |
| 43 | 153661143 | 153661142 | 153661145 | 153661144 | 153661147 | 153661146 | 153661149 | 153661148 | 153661151 | 153661150 | 153661153 | 153661152 | 153661155 | 153661154 | 153661157 | 153661156 | 153661159 | 153661158 | 153661161 | 153661160 |
| 45 | 153661165 | 153661164 | 153661167 | 153661166 | 153661169 | 153661168 | 153661171 | 153661170 | 153661173 | 153661172 | 153661175 | 153661174 | 153661177 | 153661176 | 153661179 | 153661178 | 153661181 | 153661180 | 153661183 | 153661182 |
| 47 | 153661187 | 153661186 | 153661189 | 153661188 | 153661191 | 153661190 | 153661193 | 153661192 | 153661195 | 153661194 | 153661197 | 153661196 | 153661199 | 153661198 | 153661201 | 153661200 | 153661203 | 153661202 | 153661205 | 153661204 |
| 49 | 153661209 | 153661208 | 153661211 | 153661210 | 153661213 | 153661212 | 153661215 | 153661214 | 153661217 | 153661216 | 153661219 | 153661218 | 153661221 | 153661220 | 153661223 | 153661222 | 153661225 | 153661224 | 153661227 | 153661226 |




CROSS-SECTION

END-TAIL DIMENSIONS
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.
2. CABLES MATE WITH MOLEX FFC/FPC CONNECTOR SERIES # 52745, 52746 & 52559

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

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

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 2:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ±---- | ±---- |
| 3 PLACES | ±---- | ±---- |
| 2 PLACES | ±---- | ±---- |
| 1 PLACE | ±---- | ±---- |
| 0 PLACES | ±---- | ±---- |
| ANGULAR TOL ± | ---- ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: 4 CKTS ROW 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 |

molex

0.50MM CENTER FLAT FLEXIBLE CABLE
(SHIELDED, 105°C, SN PLATING) SALES DRAWING

PRODUCT SALES DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 153660001 | PSD | 001 | E |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | C-SIZE | 15366 | 153660001 | GENERAL MARKET | 2 OF 2 |

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