

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           |           |
| CIRCUITS ↓   | A           | D         | A          | D         | A          | D         | A          | D         | A          | D         | A          | D         | A          | D         | A          | D         | A          | D         | A           | D         | A           | D         |
| 6            | 982660051   | 982660052 | 982660053  | 982660054 | 982660055  | 982660056 | 982660057  | 982660058 | 982660059  | 982660060 | 982660061  | 982660062 | 982660063  | 982660064 | 982660065  | 982660066 | 982660067  | 982660068 | 982660069   | 982660070 | 982660071   | 982660072 |
| 8            | 982660073   | 982660074 | 982660075  | 982660076 | 982660077  | 982660078 | 982660079  | 982660080 | 982660081  | 982660082 | 982660083  | 982660084 | 982660085  | 982660086 | 982660087  | 982660088 | 982660089  | 982660090 | 982660091   | 982660092 | 982660093   | 982660094 |
| 10           | 982660095   | 982660096 | 982660097  | 982660098 | 982660099  | 982660100 | 982660101  | 982660102 | 982660103  | 982660104 | 982660105  | 982660106 | 982660107  | 982660108 | 982660109  | 982660110 | 982660111  | 982660112 | 982660113   | 982660114 | 982660115   | 982660116 |
| 12           | 982660117   | 982660118 | 982660119  | 982660120 | 982660121  | 982660122 | 982660123  | 982660124 | 982660125  | 982660126 | 982660127  | 982660128 | 982660129  | 982660130 | 982660131  | 982660132 | 982660133  | 982660134 | 982660135   | 982660136 | 982660137   | 982660138 |
| 14           | 982660139   | 982660140 | 982660141  | 982660142 | 982660143  | 982660144 | 982660145  | 982660146 | 982660147  | 982660148 | 982660149  | 982660150 | 982660151  | 982660152 | 982660153  | 982660154 | 982660155  | 982660156 | 982660157   | 982660158 | 982660159   | 982660160 |
| 16           | 982660161   | 982660162 | 982660163  | 982660164 | 982660165  | 982660166 | 982660167  | 982660168 | 982660169  | 982660170 | 982660171  | 982660172 | 982660173  | 982660174 | 982660175  | 982660176 | 982660177  | 982660178 | 982660179   | 982660180 | 982660181   | 982660182 |
| 18           | 982660183   | 982660184 | 982660185  | 982660186 | 982660187  | 982660188 | 982660189  | 982660190 | 982660191  | 982660192 | 982660193  | 982660194 | 982660195  | 982660196 | 982660197  | 982660198 | 982660199  | 982660200 | 982660201   | 982660202 | 982660203   | 982660204 |
| 20           | 982660205   | 982660206 | 982660207  | 982660208 | 982660209  | 982660210 | 982660211  | 982660212 | 982660213  | 982660214 | 982660215  | 982660216 | 982660217  | 982660218 | 982660219  | 982660220 | 982660221  | 982660222 | 982660223   | 982660224 | 982660225   | 982660226 |
| 22           | 982660227   | 982660228 | 982660229  | 982660230 | 982660231  | 982660232 | 982660233  | 982660234 | 982660235  | 982660236 | 982660237  | 982660238 | 982660239  | 982660240 | 982660241  | 982660242 | 982660243  | 982660244 | 982660245   | 982660246 | 982660247   | 982660248 |
| 24           | 982660249   | 982660250 | 982660251  | 982660252 | 982660253  | 982660254 | 982660255  | 982660256 | 982660257  | 982660258 | 982660259  | 982660260 | 982660261  | 982660262 | 982660263  | 982660264 | 982660265  | 982660266 | 982660267   | 982660268 | 982660269   | 982660270 |
| 26           | 982660271   | 982660272 | 982660273  | 982660274 | 982660275  | 982660276 | 982660277  | 982660278 | 982660279  | 982660280 | 982660281  | 982660282 | 982660283  | 982660284 | 982660285  | 982660286 | 982660287  | 982660288 | 982660289   | 982660290 | 982660291   | 982660292 |
| 28           | 982660293   | 982660294 | 982660295  | 982660296 | 982660297  | 982660298 | 982660299  | 982660300 | 982660301  | 982660302 | 982660303  | 982660304 | 982660305  | 982660306 | 982660307  | 982660308 | 982660309  | 982660310 | 982660311   | 982660312 | 982660313   | 982660314 |
| 30           | 982660315   | 982660316 | 982660317  | 982660318 | 982660319  | 982660320 | 982660321  | 982660322 | 982660323  | 982660324 | 982660325  | 982660326 | 982660327  | 982660328 | 982660329  | 982660330 | 982660331  | 982660332 | 982660333   | 982660334 | 982660335   | 982660336 |
| 32           | 982660337   | 982660338 | 982660339  | 982660340 | 982660341  | 982660342 | 982660343  | 982660344 | 982660345  | 982660346 | 982660347  | 982660348 | 982660349  | 982660350 | 982660351  | 982660352 | 982660353  | 982660354 | 982660355   | 982660356 | 982660357   | 982660358 |
| 34           | 982660359   | 982660360 | 982660361  | 982660362 | 982660363  | 982660364 | 982660365  | 982660366 | 982660367  | 982660368 | 982660369  | 982660370 | 982660371  | 982660372 | 982660373  | 982660374 | 982660375  | 982660376 | 982660377   | 982660378 | 982660379   | 982660380 |
| 36           | 982660381   | 982660382 | 982660383  | 982660384 | 982660385  | 982660386 | 982660387  | 982660388 | 982660389  | 982660390 | 982660391  | 982660392 | 982660393  | 982660394 | 982660395  | 982660396 | 982660397  | 982660398 | 982660399   | 982660400 | 982660401   | 982660402 |
| 38           | 982660403   | 982660404 | 982660405  | 982660406 | 982660407  | 982660408 | 982660409  | 982660410 | 982660411  | 982660412 | 982660413  | 982660414 | 982660415  | 982660416 | 982660417  | 982660418 | 982660419  | 982660420 | 982660421   | 982660422 | 982660423   | 982660424 |
| 40           | 982660425   | 982660426 | 982660427  | 982660428 | 982660429  | 982660430 | 982660431  | 982660432 | 982660433  | 982660434 | 982660435  | 982660436 | 982660437  | 982660438 | 982660439  | 982660440 | 982660441  | 982660442 | 982660443   | 982660444 | 982660445   | 982660446 |
| 42           | 982660447   | 982660448 | 982660449  | 982660450 | 982660451  | 982660452 | 982660453  | 982660454 | 982660455  | 982660456 | 982660457  | 982660458 | 982660459  | 982660460 | 982660461  | 982660462 | 982660463  | 982660464 | 982660465   | 982660466 | 982660467   | 982660468 |
| 44           | 982660469   | 982660470 | 982660471  | 982660472 | 982660473  | 982660474 | 982660475  | 982660476 | 982660477  | 982660478 | 982660479  | 982660480 | 982660481  | 982660482 | 982660483  | 982660484 | 982660485  | 982660486 | 982660487   | 982660488 | 982660489   | 982660490 |
| 46           | 982660491   | 982660492 | 982660493  | 982660494 | 982660495  | 982660496 | 982660497  | 982660498 | 982660499  | 982660500 | 982660501  | 982660502 | 982660503  | 982660504 | 982660505  | 982660506 | 982660507  | 982660508 | 982660509   | 982660510 | 982660511   | 982660512 |
| 48           | 982660513   | 982660514 | 982660515  | 982660516 | 982660517  | 982660518 | 982660519  | 982660520 | 982660521  | 982660522 | 982660523  | 982660524 | 982660525  | 982660526 | 982660527  | 982660528 | 982660529  | 982660530 | 982660531   | 982660532 | 982660533   | 982660534 |
| 50           | 982660535   | 982660536 | 982660537  | 982660538 | 982660539  | 982660540 | 982660541  | 982660542 | 982660543  | 982660544 | 982660545  | 982660546 | 982660547  | 982660548 | 982660549  | 982660550 | 982660551  | 982660552 | 982660553   | 982660554 | 982660555   | 982660556 |

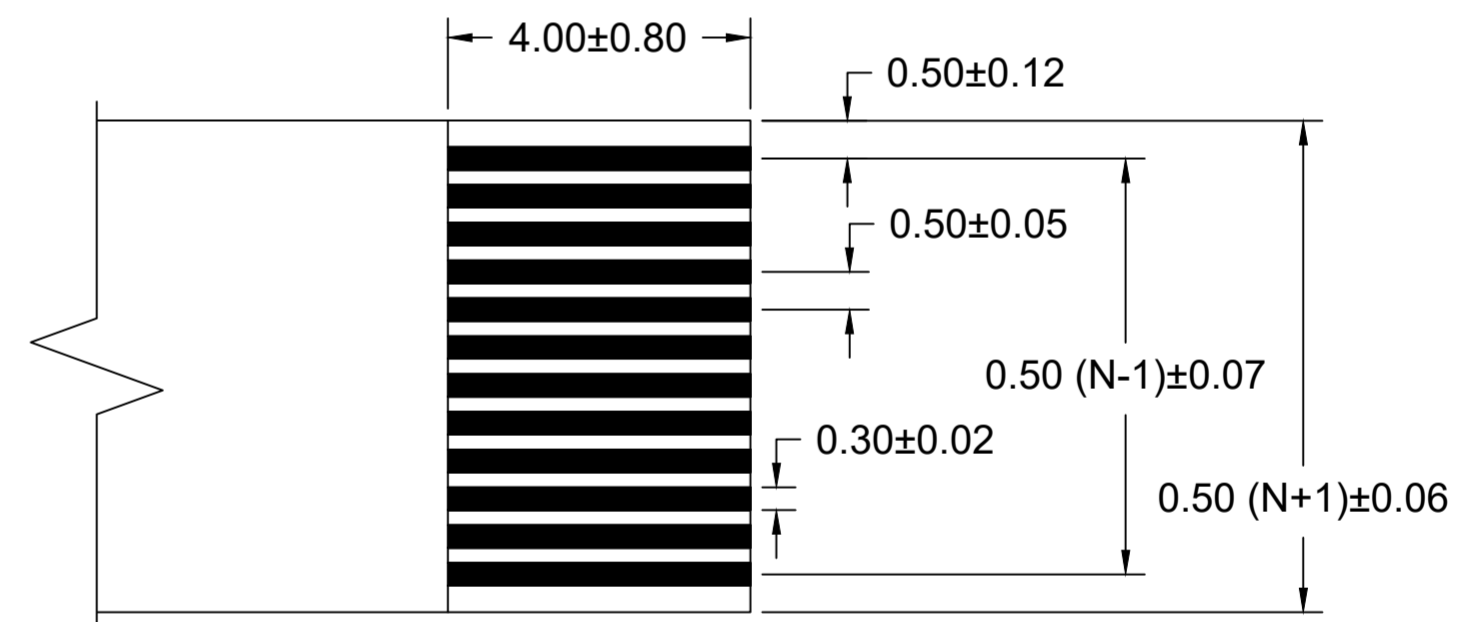


**NOTES:**  
 1. NO PRINTING ON JUMPER CABLE UNLESS OTHERWISE SPECIFIED. IF PRINTING IS REQUIRED, THEN IT WOULD BE CONSIDERED A SPECIAL JUMPER CABLE.  
 2. FOR ODD CIRCUIT COUNT, CROSS-SECTION AND END-TAIL DETAIL REFER TO SHEET # 2

|   |  |                     |       |                                      |  |   |  |                            |  |
|---|--|---------------------|-------|--------------------------------------|--|---|--|----------------------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                     |       |                                      |  |   |  |                            |  |
| DIMENSION UNITS<br><b>MM</b>  |  | SCALE<br><b>2:1</b> |       | CURRENT REV DESC: DRAWING CORRECTION |  |   |  |                            |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)   |  |                     |       | EC NO: 728054                        |  | 0.50MM CENTER FLAT FLEX CABLE (FFC)<br>(105°C, SN PLATED) SALES DRAWING |  |                            |  |
|   |  | mm                  | INCH  | DRWN: DIEGOG7                        |  |   |  |                            |  |
| 4 PLACES  |  | ±----               | ±---- | CHK'D: JSMITH11                      |  | 2022/11/14  |  | PRODUCT CUSTOMER DRAWING   |  |
| 3 PLACES  |  | ±----               | ±---- | APPR: JSMITH11                       |  | 2022/11/14  |  | DOCUMENT NUMBER            |  |
| 2 PLACES  |  | ±----               | ±---- | INITIAL REVISION:                    |  | 2022/09/22  |  | 982660001                  |  |
| 1 PLACE   |  | ±----               | ±---- | DRWN: DIEGOG7                        |  | 2022/11/03  |  | DOC TYPE DOC PART REVISION |  |
| 0 PLACES  |  | ±----               | ±---- | APPR: JSMITH11                       |  |   |  | PSD 000 B                  |  |
| ANGULAR TOL ± 0.5 °   |  |                     |       | THIRD ANGLE PROJECTION               |  | DRAWING   |  | SERIES                     |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |  |                     |       |                                      |  | C-SIZE  |  | 98266                      |  |
| DOCUMENT STATUS   |  |                     |       | P1                                   |  | RELEASE DATE  |  | 2022/11/14 14:34:31        |  |
| MATERIAL NUMBER   |  | CUSTOMER            |       | SHEET NUMBER                         |  |   |  |                            |  |
| SEE CHART   |  | GENERAL MARKET      |       | 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            | 982660745   | 982660744 | 982660747  | 982660746 | 982660749  | 982660748 | 982660751  | 982660750 | 982660753  | 982660752 | 982660755  | 982660754 | 982660757  | 982660756 | 982660759  | 982660758 | 982660761  | 982660760 | 982660763   | 982660762 | 982660765   | 982660764 |
| 9            | 982660767   | 982660766 | 982660769  | 982660768 | 982660771  | 982660770 | 982660773  | 982660772 | 982660775  | 982660774 | 982660777  | 982660776 | 982660779  | 982660778 | 982660781  | 982660780 | 982660783  | 982660782 | 982660785   | 982660784 | 982660787   | 982660786 |
| 11           | 982660789   | 982660788 | 982660791  | 982660790 | 982660793  | 982660792 | 982660795  | 982660794 | 982660797  | 982660796 | 982660799  | 982660798 | 982660801  | 982660800 | 982660803  | 982660802 | 982660805  | 982660804 | 982660807   | 982660806 | 982660809   | 982660808 |
| 13           | 982660811   | 982660810 | 982660813  | 982660812 | 982660815  | 982660814 | 982660817  | 982660816 | 982660819  | 982660818 | 982660821  | 982660820 | 982660823  | 982660822 | 982660825  | 982660824 | 982660827  | 982660826 | 982660829   | 982660828 | 982660831   | 982660830 |
| 15           | 982660833   | 982660832 | 982660835  | 982660834 | 982660837  | 982660836 | 982660839  | 982660838 | 982660841  | 982660840 | 982660843  | 982660842 | 982660845  | 982660844 | 982660847  | 982660846 | 982660849  | 982660848 | 982660851   | 982660850 | 982660853   | 982660852 |
| 17           | 982660855   | 982660854 | 982660857  | 982660856 | 982660859  | 982660858 | 982660861  | 982660860 | 982660863  | 982660862 | 982660865  | 982660864 | 982660867  | 982660866 | 982660869  | 982660868 | 982660871  | 982660870 | 982660873   | 982660872 | 982660875   | 982660874 |
| 19           | 982660877   | 982660876 | 982660879  | 982660878 | 982660881  | 982660880 | 982660883  | 982660882 | 982660885  | 982660884 | 982660887  | 982660886 | 982660889  | 982660888 | 982660891  | 982660890 | 982660893  | 982660892 | 982660895   | 982660894 | 982660897   | 982660896 |
| 21           | 982660899   | 982660898 | 982660901  | 982660900 | 982660903  | 982660902 | 982660905  | 982660904 | 982660907  | 982660906 | 982660909  | 982660908 | 982660911  | 982660910 | 982660913  | 982660912 | 982660915  | 982660914 | 982660917   | 982660916 | 982660919   | 982660918 |
| 23           | 982660921   | 982660920 | 982660923  | 982660922 | 982660925  | 982660924 | 982660927  | 982660926 | 982660929  | 982660928 | 982660931  | 982660930 | 982660933  | 982660932 | 982660935  | 982660934 | 982660937  | 982660936 | 982660939   | 982660938 | 982660941   | 982660940 |
| 25           | 982660943   | 982660942 | 982660945  | 982660944 | 982660947  | 982660946 | 982660949  | 982660948 | 982660951  | 982660950 | 982660953  | 982660952 | 982660955  | 982660954 | 982660957  | 982660956 | 982660959  | 982660958 | 982660961   | 982660960 | 982660963   | 982660962 |
| 27           | 982660965   | 982660964 | 982660967  | 982660966 | 982660969  | 982660968 | 982660971  | 982660970 | 982660973  | 982660972 | 982660975  | 982660974 | 982660977  | 982660976 | 982660979  | 982660978 | 982660981  | 982660980 | 982660983   | 982660982 | 982660985   | 982660984 |
| 29           | 982660987   | 982660986 | 982660989  | 982660988 | 982660991  | 982660990 | 982660993  | 982660992 | 982660995  | 982660994 | 982660997  | 982660996 | 982660999  | 982660998 | 982661001  | 982661000 | 982661003  | 982661002 | 982661005   | 982661004 | 982661007   | 982661006 |
| 31           | 982661009   | 982661008 | 982661011  | 982661010 | 982661013  | 982661012 | 982661015  | 982661014 | 982661017  | 982661016 | 982661019  | 982661018 | 982661021  | 982661020 | 982661023  | 982661022 | 982661025  | 982661024 | 982661027   | 982661026 | 982661029   | 982661028 |
| 33           | 982661031   | 982661030 | 982661033  | 982661032 | 982661035  | 982661034 | 982661037  | 982661036 | 982661039  | 982661038 | 982661041  | 982661040 | 982661043  | 982661042 | 982661045  | 982661044 | 982661047  | 982661046 | 982661049   | 982661048 | 982661051   | 982661050 |
| 35           | 982661053   | 982661052 | 982661055  | 982661054 | 982661057  | 982661056 | 982661059  | 982661058 | 982661061  | 982661060 | 982661063  | 982661062 | 982661065  | 982661064 | 982661067  | 982661066 | 982661069  | 982661068 | 982661071   | 982661070 | 982661073   | 982661072 |
| 37           | 982661075   | 982661074 | 982661077  | 982661076 | 982661079  | 982661078 | 982661081  | 982661080 | 982661083  | 982661082 | 982661085  | 982661084 | 982661087  | 982661086 | 982661089  | 982661088 | 982661091  | 982661090 | 982661093   | 982661092 | 982661095   | 982661094 |
| 39           | 982661097   | 982661096 | 982661099  | 982661098 | 982661101  | 982661100 | 982661103  | 982661102 | 982661105  | 982661104 | 982661107  | 982661106 | 982661109  | 982661108 | 982661111  | 982661110 | 982661113  | 982661112 | 982661115   | 982661114 | 982661117   | 982661116 |
| 41           | 982661119   | 982661118 | 982661121  | 982661120 | 982661123  | 982661122 | 982661125  | 982661124 | 982661127  | 982661126 | 982661129  | 982661128 | 982661131  | 982661130 | 982661133  | 982661132 | 982661135  | 982661134 | 982661137   | 982661136 | 982661139   | 982661138 |
| 43           | 982661141   | 982661140 | 982661143  | 982661142 | 982661145  | 982661144 | 982661147  | 982661146 | 982661149  | 982661148 | 982661151  | 982661150 | 982661153  | 982661152 | 982661155  | 982661154 | 982661157  | 982661156 | 982661159   | 982661158 | 982661161   | 982661160 |
| 45           | 982661163   | 982661162 | 982661165  | 982661164 | 982661167  | 982661166 | 982661169  | 982661168 | 982661171  | 982661170 | 982661173  | 982661172 | 982661175  | 982661174 | 982661177  | 982661176 | 982661179  | 982661178 | 982661181   | 982661180 | 982661183   | 982661182 |
| 47           | 982661185   | 982661184 | 982661187  | 982661186 | 982661189  | 982661188 | 982661191  | 982661190 | 982661193  | 982661192 | 982661195  | 982661194 | 982661197  | 982661196 | 982661199  | 982661198 | 982661201  | 982661200 | 982661203   | 982661202 | 982661205   | 982661204 |
| 49           | 982661207   | 982661206 | 982661209  | 982661208 | 982661211  | 982661210 | 982661213  | 982661212 | 982661215  | 982661214 | 982661217  | 982661216 | 982661219  | 982661218 | 982661221  | 982661220 | 982661223  | 982661222 | 982661225   | 982661224 | 982661227   | 982661226 |



**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: DRAWING CORRECTION  |  |               |  |                |  |                 |  |
| MM  |       | NA     |  | <div style="font-size: 24px; font-weight: bold; margin-bottom: 10px;">molex</div> 0.50MM CENTER FLAT FLEX CABLE (FFC)<br>(105°C, SN PLATED) SALES DRAWING<br><br>PRODUCT CUSTOMER DRAWING |  |               |  |                |  |                 |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)   |       |        |  |   |  |               |  |                |  |                 |  |
|   | mm    | INCH   |  |   |  |               |  |                |  |                 |  |
| 4 PLACES  | ±---- | ±----  |  |   |  |               |  |                |  |                 |  |
| 3 PLACES  | ±---- | ±----  |  |   |  |               |  |                |  |                 |  |
| 2 PLACES  | ±---- | ±----  |  |   |  |               |  |                |  |                 |  |
| 1 PLACE   | ±---- | ±----  |  |   |  |               |  |                |  |                 |  |
| 0 PLACES  | ±---- | ±----  |  |   |  |               |  |                |  |                 |  |
| ANGULAR TOL ± 0.5 °   |       |        |  | EC NO: 728054   |  | DRWN: DIEGOG7 |  | 2022/11/10     |  |                 |  |
|   |       |        |  | CHK'D: JSMITH11   |  | 2022/11/14    |  |                |  |                 |  |
|   |       |        |  | APPR: JSMITH11  |  | 2022/11/14    |  |                |  |                 |  |
|   |       |        |  | INITIAL REVISION:   |  |               |  |                |  |                 |  |
|   |       |        |  | DRWN: DIEGOG7   |  | 2022/09/22    |  |                |  |                 |  |
|   |       |        |  | APPR: JSMITH11  |  | 2022/11/03    |  |                |  |                 |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |       |        |  | THIRD ANGLE PROJECTION  |  | DRAWING       |  | SERIES         |  | MATERIAL NUMBER |  |
|   |       | C-SIZE |  | 98266   |  | SEE CHART     |  | GENERAL MARKET |  | SHEET NUMBER    |  |
|   |       |        |  |   |  |               |  |                |  | 2 OF 2          |  |