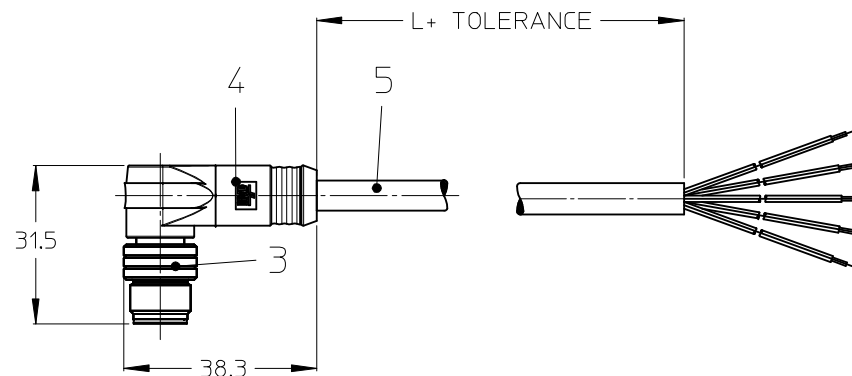
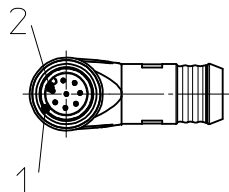


# RIGHTANGLE PLUG MALE



## NOTES:

|                        |                                              |
|------------------------|----------------------------------------------|
| TEMPERATURE RANGE      | SEE TABLE ON PAGE 2                          |
| CONTACT CURRENT RATING | 3-5 POLES 4A<br>8 POLES 2A                   |
| VOLTAGE RATING         | 3-4 POLES 250V<br>5 POLES 60V<br>8 POLES 30V |
| PROTECTION CLASS       | IP 67                                        |

## TOLERANCES

|          |           |
|----------|-----------|
| ≤ 1m     | +20/-10mm |
| 1m - 5m  | ± 25mm    |
| 5m - 10m | ± 30mm    |
| > 10m    | ± 30mm    |
| > 20m    | ± 50mm    |

| 3 WIRE                    | 4 WIRE     | 5 WIRE                | 8 WIRE     |
|---------------------------|------------|-----------------------|------------|
|                           |            |                       |            |
| PIN # WIRE                | PIN # WIRE | PIN # WIRE            | PIN # WIRE |
| 1 BROWN                   | 1 BROWN    | 1 BROWN               | 1 WHITE    |
| 2 -                       | 2 WHITE    | 2 WHITE               | 2 BROWN    |
| 3 BLUE                    | 3 BLUE     | 3 BLUE                | 3 GREEN    |
| 4 BLACK                   | 4 BLACK    | 4 BLACK               | 4 YELLOW   |
| 5 -                       | 5 -        | 5 GREY                | 5 GREY     |
|                           |            |                       | 6 PINK     |
|                           |            |                       | 7 BLUE     |
|                           |            |                       | 8 RED      |
| REQUIRED TO IEC 60947-5-2 |            | REQUIRED TO DIN 47100 |            |

|      |                   |                    |             |
|------|-------------------|--------------------|-------------|
| 5    | CABLE             | SEE TABLE (PAGE 2) | ---         |
| 4    | OVERMOULDING      | TPU                | BLACK       |
| 3    | MALE COUPLING NUT | BRASS              | NI PLATED   |
| 2    | PIN CONTACT       | BRASS              | GOLD PLATED |
| 1    | INSERT            | PA                 | BLACK       |
| ITEM | PART              | MATERIAL           | FINISH      |

|                                                                                                                                 |             |                                   |                                       |        |                                                                                                                               |                       |                    |                                         |                        |  |  |  |               |           |
|---------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------|---------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------|-----------------------------------------|------------------------|--|--|--|---------------|-----------|
| ENTER DESCRIPTION<br>EC NO: IPG2014-0972<br>DRWN:FSCHAFHAUSER 2013/11/26<br>CHKD:PMERUNKA 2014/06/10<br>APPR:RSILLER 2014/06/18 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>C=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>MM ONLY                                                                                                    |                       | SCALE<br>1:1       | DESIGN UNITS<br>METRIC                  | THIRD ANGLE PROJECTION |  |  |  |               |           |
|                                                                                                                                 |             |                                   |                                       | mm     | INCH                                                                                                                          | DRAWN BY<br>PMERUNKA  | DATE<br>2012/04/24 | TITLE<br>CSE M12 XP AC MA RA XM SE UNSH |                        |  |  |  |               |           |
|                                                                                                                                 |             |                                   | 4 PLACES                              | ± ---  | ± ---                                                                                                                         | CHECKED BY<br>RSILLER | DATE<br>2013/01/18 |                                         |                        |  |  |  |               |           |
|                                                                                                                                 |             |                                   | 3 PLACES                              | ± ---  | ± ---                                                                                                                         | APPROVED BY           | DATE               | molex                                   |                        |  |  |  |               |           |
|                                                                                                                                 |             |                                   | 2 PLACES                              | ± 0.05 | ± ---                                                                                                                         | APOHL                 | 2013/11/18         |                                         |                        |  |  |  |               |           |
|                                                                                                                                 |             |                                   | 1 PLACE                               | ± 0.10 | ± ---                                                                                                                         | MATERIAL NO.          |                    |                                         |                        |  |  |  | DOCUMENT NO.  | SHEET NO. |
|                                                                                                                                 |             |                                   | 0 PLACE                               | ± ---  | ± ---                                                                                                                         | SEE TABLE             |                    |                                         |                        |  |  |  | SD-120065-051 | 1 OF 4    |
|                                                                                                                                 |             |                                   | 2                                     | REV    | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                          |                       |                    |                                         |                        |  |  |  |               |           |
|                                                                                                                                 |             |                                   |                                       |        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                       |                    |                                         |                        |  |  |  |               |           |

10 9 8 7 6 5 4 3 2 1

# NUMERICAL CODE (Available parts see table page 3 ff others on request.)



80 = M12x1  
single ended

poles:

3 = 3 poles  
4 = 4 poles  
5 = 5 poles

header:

000 = plug female straight  
001 = plug female 90° right  
006 = plug male straight  
007 = plug male 90° right

Cable:

E02 = 0,25mm², PVC black  
E03 = 0,34mm², PVC black  
H08 = 0,25mm², PUR black LS0H  
H09 = 0,34mm², PUR black LS0H  
I03 = 0,34mm², PVC grey  
K05 = 0,34mm², TPE yellow  
P02 = 0,25mm², PUR/PVC black  
P03 = 0,34mm², PUR/PVC black  
P82 = 0,34mm², PUR black irradiated  
P12 = 0,50mm², PVC black

M = meter  
C = centimeter

length:  
Example  
020 = 2 m

| CABLE TYPE | WIRE GAUGE | CABLE JACKET      | UL                    | CSA                      | static              | flexing               | drag chain tested | other                  |
|------------|------------|-------------------|-----------------------|--------------------------|---------------------|-----------------------|-------------------|------------------------|
| E02        | 0.25mm²    | PVC black         | STYLE 2464            | I/II A/B 80°/300V        | -30°C to +80°C 5xD  | -5°C to +80°C 9xD     | ---               | ---                    |
| E03        | 0.34mm²    | PVC black         | STYLE 2464            | I/II A/B 80°/300V        | -30°C to +80°C 5xD  | -5°C to +80°C 9xD     | ---               | ---                    |
| H08        | 0.25mm²    | PUR black LS0H    | AWM STYLE 21198/10493 | APPROVED                 | -50°C to +80°C 5xD  | -25°C to +80°C 10xD   | 2000000 cycles    | ---                    |
| H09        | 0.34mm²    | PUR black LS0H    | AWM STYLE 21198/10493 | APPROVED                 | -50°C to +80°C 5xD  | -25°C to +80°C 10xD   | drag chain 60°C   | ---                    |
| I03        | 0.34mm²    | PVC grey          | ---                   | ---                      | -30°C to +70°C      | -5°C to +70°C         | ---               | ---                    |
| K05        | 0.34mm²    | TPE yellow        | ITC E195601 or PLTC   | AWM I/II A/B FT4 LL54185 | ---                 | ---                   | ---               | CSA-US: ITC LL54185-02 |
| P02        | 0.25mm²    | PUR/PVC black     | not applicable        | not applicable           | -30°C to +80°C 7xD  | -5°C to +80°C 15xD    | ---               | ---                    |
| P03        | 0.34mm²    | PUR/PVC black     | not applicable        | not applicable           | -30°C to +80°C 7xD  | -5°C to +80°C 15xD    | ---               | ---                    |
| P82        | 0.34mm²    | irrad. PUR orange | ---                   | ---                      | -50°C to +105°C 5xD | -40°C to +105°C 7.5xD | ---               | ---                    |
| P12        | 0.50mm²    | PVC black         | ---                   | ---                      | -30°C to +90°C      | -5°C to +90°C         | ---               | ---                    |

|                                                                                                                                 |             |                                   |                                                         |    |                            |                       |                                                                                                                                  |                                               |                           |  |  |                     |  |  |
|---------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------|---------------------------------------------------------|----|----------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------|--|--|---------------------|--|--|
| ENTER DESCRIPTION<br>EC NO: IPG2014-0972<br>DRWN:FSCHAFHAUSER 2013/11/26<br>CHKD:PMERUNKA 2014/06/10<br>APPR:RSILLER 2014/06/18 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                   |    | DIMENSION STYLE<br>MM ONLY |                       | SCALE<br>1:1                                                                                                                     | DESIGN UNITS<br>METRIC                        | THIRD ANGLE<br>PROJECTION |  |  |                     |  |  |
|                                                                                                                                 |             |                                   |                                                         | mm | INCH                       | DRAWN BY<br>PMERUNKA  | DATE<br>2012/04/24                                                                                                               | TITLE<br>CSE M12 XP AC MA RA XM<br>SE UNSH    |                           |  |  |                     |  |  |
|                                                                                                                                 |             |                                   |                                                         |    |                            | CHECKED BY<br>RSILLER | DATE<br>2013/01/18                                                                                                               |                                               |                           |  |  |                     |  |  |
|                                                                                                                                 |             |                                   |                                                         |    |                            | APPROVED BY<br>APOHL  | DATE<br>2013/11/18                                                                                                               | DOCUMENT NO.<br><b>molex</b><br>SD-120065-051 |                           |  |  |                     |  |  |
|                                                                                                                                 |             |                                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |    | ANGULAR ± .5 °             |                       | SEE TABLE                                                                                                                        |                                               |                           |  |  | SHEET NO.<br>2 OF 4 |  |  |
|                                                                                                                                 |             |                                   |                                                         |    |                            |                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                               |                           |  |  |                     |  |  |

|   | 10                                                  | 9               | 8                     | 7           | 6              | 5                     | 4           | 3              | 2                     | 1 |  |
|---|-----------------------------------------------------|-----------------|-----------------------|-------------|----------------|-----------------------|-------------|----------------|-----------------------|---|--|
| F | PART NUMBER                                         | NUMERICAL CODE  | CABLE LENGTH "L" IN M | PART NUMBER | NUMERICAL CODE | CABLE LENGTH "L" IN M | PART NUMBER | NUMERICAL CODE | CABLE LENGTH "L" IN M |   |  |
|   | 1200658567                                          | 803007E03M010   | 1M                    | 1200658603  | 804007I03M030  | 3M                    | 1200658749  | 805007H09M015  | 1.5M                  |   |  |
|   | 1200060273                                          | 803007E03M020   | 2M                    | 1200658604  | 804007I03M040  | 4M                    | 1200658750  | 805007H09M020  | 2M                    |   |  |
|   | 1200658568                                          | 803007E03M030   | 3M                    | 1200651686  | 804007K03M005  | 0.5M                  | 1200658751  | 805007H09M030  | 3M                    |   |  |
|   | 1200658569                                          | 803007E03M040   | 4M                    | 1200651687  | 804007K03M020  | 2M                    | 1200658752  | 805007H09M040  | 4M                    |   |  |
|   | 1200060275                                          | 803007E03M050   | 5M                    | 1200651688  | 804007K03M050  | 5M                    | 1200658753  | 805007H09M050  | 5M                    |   |  |
|   | 1200658506                                          | 803007E03M100   | 10M                   | 1200651689  | 804007K03M060  | 6M                    | 1200658754  | 805007H09M100  | 10M                   |   |  |
|   | 1200658720                                          | 803007H09M010   | 1M                    | 1200652026  | 804007K03M100  | 10M                   | 1200658327  | 805007I03M015  | 1.5M                  |   |  |
| E | 1200658721                                          | 803007H09M015   | 1.5M                  | 1200651690  | 804007K05M006  | 0.6M                  | 1200652159  | 805007K03M020  | 2M                    |   |  |
|   | 1200658722                                          | 803007H09M020   | 2M                    | 1200651691  | 804007K05M020  | 2M                    | 1200652160  | 805007K03M040  | 4M                    |   |  |
|   | 1200658723                                          | 803007H09M030   | 3M                    | 1200651692  | 804007K05M040  | 4M                    | 1200652161  | 805007K03M050  | 5M                    |   |  |
|   | 1200658724                                          | 803007H09M040   | 4M                    | 1200651693  | 804007K05M050  | 5M                    | 1200652162  | 805007K03M060  | 6M                    |   |  |
|   | 1200658725                                          | 803007H09M050   | 5M                    | 1200651694  | 804007K05M060  | 6M                    | 1200652163  | 805007K03M100  | 10M                   |   |  |
|   | 1200658726                                          | 803007H09M100   | 10M                   | 1200651695  | 804007K05M100  | 10M                   | 1200060695  | 805007P03M010  | 1M                    |   |  |
|   | 1200658596                                          | 803007I03M010   | 1M                    | 1200010093  | 804007P03M003W | 0.3M                  | 1200060696  | 805007P03M015  | 1.5M                  |   |  |
|   | 1200658597                                          | 803007I03M040   | 4M                    | 1200064178  | 804007P03M005  | 0.5M                  | 1200060697  | 805007P03M020  | 2M                    |   |  |
| D | 1200658598                                          | 803007I03M100   | 10M                   | 1200010094  | 804007P03M006W | 0.6M                  | 1200060699  | 805007P03M040  | 4M                    |   |  |
|   | 1200651501                                          | 803007K05M020   | 2M                    | 1200061764  | 804007P03M010  | 1M                    | 1200658186  | 805007P03M050  | 5M                    |   |  |
|   | 1200651502                                          | 803007K05M040   | 4M                    | 1200010095  | 804007P03M010W | 1M                    | 1200652149  | 805007P03M060  | 6M                    |   |  |
|   | 1200651503                                          | 803007K05M050   | 5M                    | 1200010096  | 804007P03M015W | 1.5M                  | 1200655006  | 805007P03M100  | 10M                   |   |  |
|   | 1200651504                                          | 803007K05M060   | 6M                    | 1200060592  | 804007P03M020  | 2M                    | 1200658521  | 805007P12M006  | 0.6M                  |   |  |
|   | 1200651505                                          | 803007K05M100   | 10M                   | 1200064394  | 804007P03M020G | 2M                    | 1200062304  | 805007P12M015  | 1.5M                  |   |  |
|   | 1200658615                                          | 803007P03M010   | 1M                    | 1200010097  | 804007P03M020W | 2M                    | 1200658522  | 805007P12M020  | 2M                    |   |  |
|   | 1200060288                                          | 803007P03M020   | 2M                    | 1200060593  | 804007P03M030  | 3M                    | 1200658549  | 808007E02M020  | 2M                    |   |  |
| C | 1200060289                                          | 803007P03M030   | 3M                    | 1200010098  | 804007P03M030W | 3M                    | 1200658580  | 808007E03M010  | 1M                    |   |  |
|   | 1200658614                                          | 803007P03M040   | 4M                    | 1200652145  | 804007P03M040  | 3M                    | 1200658581  | 808007E03M030  | 3M                    |   |  |
|   | 1200062055                                          | 803007P03M050   | 5M                    | 1200060594  | 804007P03M050  | 4M                    | 1200658582  | 808007E03M040  | 4M                    |   |  |
|   | 1200658618                                          | 803007P03M100   | 10M                   | 1200010099  | 804007P03M050W | 5M                    | 1200658583  | 808007E03M050  | 5M                    |   |  |
|   | 1200062638                                          | 804007E03M006   | 0.6M                  | 1200652146  | 804007P03M060  | 5M                    | 1200658584  | 808007E03M100  | 10M                   |   |  |
|   | 1200060582                                          | 804007E03M010   | 1M                    | 1200060595  | 804007P03M100  | 6M                    | 1200658755  | 808007H08M010  | 1M                    |   |  |
|   | 1200062680                                          | 804007E03M0101  | 1.01M                 | 1200010102  | 804007P03M200W | 10M                   | 1200658756  | 808007H08M015  | 1.5M                  |   |  |
|   | 1200061975                                          | 804007E03M020   | 2M                    | 1200010796  | 804007P03M500W | 20M                   | 1200658757  | 808007H08M020  | 2M                    |   |  |
| B | 1200062681                                          | 804007E03M0201  | 2.01M                 | 1200658005  | 804007P82M010  | 50M                   | 1200658758  | 808007H08M030  | 3M                    |   |  |
|   | 1200060583                                          | 804007E03M030   | 3M                    | 1200655015  | 804007P82M050  | 1M                    | 1200658759  | 808007H08M040  | 4M                    |   |  |
|   | 1200658572                                          | 804007E03M040   | 4M                    | 1200655016  | 804007P82M100  | 5M                    | 1200658760  | 808007H08M050  | 5M                    |   |  |
|   | 1200060584                                          | 804007E03M050   | 5M                    | 1200655017  | 804007P82M200  | 10M                   | 1200658761  | 808007H08M100  | 10M                   |   |  |
|   | 1200062682                                          | 804007E03M0501  | 5.01M                 | 1200010098  | 804007P03M030W | 20M                   | 1200658695  | 808007I03M010  | 1M                    |   |  |
|   | 1200658515                                          | 804007E03M0501H | 5.01M                 | 1200010099  | 804007P03M050W | 3M                    | 1200658696  | 808007I03M020  | 2M                    |   |  |
|   | 1200062238                                          | 804007E03M100   | 10M                   | 1200010102  | 804007P03M200W | 5M                    | 1200658697  | 808007I03M030  | 3M                    |   |  |
|   | 1200063575                                          | 804007E03M1001  | 10.01M                | 1200010796  | 804007P03M500W | 20M                   | 1200658698  | 808007I03M040  | 4M                    |   |  |
| A | 1200658516                                          | 804007E03M1001H | 10.01M                | 1200658096  | 805007E03M020  | 50M                   | 1200658699  | 808007I03M050  | 5M                    |   |  |
|   | 1200063576                                          | 804007E03M1501  | 15.01M                | 1200062929  | 805007E03M050  | 2M                    | 1200658700  | 808007I03M100  | 10M                   |   |  |
|   | 1200064280                                          | 804007E03M200   | 20M                   | 1200062498  | 805007E03M100  | 5M                    | 1200658626  | 808007P02M010  | 1M                    |   |  |
|   | 1200063656                                          | 804007E03M2001  | 20.01M                | 1200658748  | 805007H09M010  | 10M                   | 1200651800  | 808007P02M020  | 2M                    |   |  |
|   | 1200658235                                          | 804007E03M2501  | 25.01M                |             |                |                       |             |                |                       |   |  |
|   | 1200064175                                          | 804007E03M4001  | 40.01M                |             |                |                       |             |                |                       |   |  |
|   | 1200658734                                          | 804007H09M010   | 1M                    |             |                |                       |             |                |                       |   |  |
|   | 1200658735                                          | 804007H09M015   | 1.5M                  |             |                |                       |             |                |                       |   |  |
| A | 1200658736                                          | 804007H09M020   | 2M                    |             |                |                       |             |                |                       |   |  |
|   | 1200658737                                          | 804007H09M030   | 3M                    |             |                |                       |             |                |                       |   |  |
|   | 1200658738                                          | 804007H09M040   | 4M                    |             |                |                       |             |                |                       |   |  |
|   | 1200658739                                          | 804007H09M050   | 5M                    |             |                |                       |             |                |                       |   |  |
|   | 1200658740                                          | 804007H09M100   | 10M                   |             |                |                       |             |                |                       |   |  |
|   | 1200658602                                          | 804007I03M010   | 1M                    |             |                |                       |             |                |                       |   |  |
|   | 1200060589                                          | 804007I03M020   | 2M                    |             |                |                       |             |                |                       |   |  |
|   | <div>tb_frame_A3_P_AM.T<br/>Rev E1 2012/01/25</div> |                 |                       |             |                |                       |             |                |                       |   |  |

|                                                                                                                                 |             |                               |                                                      |          |                            |                      |                    |                                                                                                                               |                                                                                                              |                     |                       |                    |         |                      |                    |      |
|---------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------|------------------------------------------------------|----------|----------------------------|----------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------|-----------------------|--------------------|---------|----------------------|--------------------|------|
| ENTER DESCRIPTION<br>EC NO: IPG2014-0972<br>DRWN:FSCHAFHAUSER 2013/11/26<br>CHKD:PMERUNKA 2014/06/10<br>APPR:RSILLER 2014/06/18 | DESCRIPTION | QUALITY SYMBOLS<br>▽=0<br>◻=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                |          | DIMENSION STYLE<br>MM ONLY |                      | SCALE<br>1:1       | DESIGN UNITS<br>METRIC                                                                                                        |  THIRD ANGLE PROJECTION |                     |                       |                    |         |                      |                    |      |
|                                                                                                                                 |             |                               | 4 PLACES                                             | mm       | INCH                       | DRAWN BY<br>PMERUNKA | DATE<br>2012/04/24 | TITLE<br>CSE M12 XP AC MA RA XM SE UNSH                                                                                       |                                                                                                              |                     |                       |                    |         |                      |                    |      |
|                                                                                                                                 |             |                               |                                                      | 3 PLACES | mm                         |                      |                    |                                                                                                                               |                                                                                                              | INCH                | CHECKED BY<br>RSILLER | DATE<br>2013/01/18 |         |                      |                    |      |
|                                                                                                                                 |             |                               |                                                      |          | 2 PLACES                   |                      |                    |                                                                                                                               |                                                                                                              | mm                  |                       |                    | INCH    | APPROVED BY<br>APOHL | DATE<br>2013/11/18 |      |
|                                                                                                                                 |             |                               |                                                      |          |                            |                      |                    |                                                                                                                               |                                                                                                              | 1 PLACE             |                       |                    | mm      |                      |                    | INCH |
|                                                                                                                                 |             |                               |                                                      |          |                            |                      |                    |                                                                                                                               |                                                                                                              |                     |                       |                    | 0 PLACE |                      |                    | mm   |
|                                                                                                                                 |             |                               | ANGULAR ± .5 °                                       |          |                            | MATERIAL NO.         |                    | DOCUMENT NO.                                                                                                                  |                                                                                                              | SHEET NO.<br>3 OF 4 |                       |                    |         |                      |                    |      |
|                                                                                                                                 |             |                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |          |                            | SEE TABLE            |                    | SD-120065-051                                                                                                                 |                                                                                                              |                     |                       |                    |         |                      |                    |      |
|                                                                                                                                 |             |                               |                                                      |          |                            | SIZE<br>A3           |                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                                              |                     |                       |                    |         |                      |                    |      |

ib\_frame\_A3\_P\_AM.T

Rev E1 2012/01/25

F

E

D

C

B

A

| PART NUMBER | NUMERICAL CODE | CABLE LENGTH "L" IN M |
|-------------|----------------|-----------------------|
| 1200658628  | 808007P02M030  | 3M                    |
| 1200658629  | 808007P02M040  | 4M                    |
| 1200658258  | 808007P02M050  | 5M                    |
| 1200658259  | 808007P02M100  | 10M                   |
| 1200655109  | 80C007H45M020  | 2M                    |
| 1200659081  | 804007E03M050Y | 5M                    |

|                                                                                                                                          |                    |                                   |                                                      |        |                            |                       |                                                                                                                               |                                            |                            |  |           |        |  |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------|------------------------------------------------------|--------|----------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------|--|-----------|--------|--|
| ENTER DESCRIPTION<br>EC NO: IPG2014-0972<br>DRWN:FSCHAFHAUSER 2013/11/26<br>CHKD:PMERUNKA 2014/06/10<br>APPR:RSILLER 2014/06/18<br><br>2 | DESCRIPTION<br>REV | QUALITY SYMBOLS<br><br>▽=0<br>◻=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                |        | DIMENSION STYLE<br>MM ONLY |                       | SCALE<br>1:1                                                                                                                  | DESIGN UNITS<br>METRIC                     | THIRD ANGLE PROJECTION<br> |  |           |        |  |
|                                                                                                                                          |                    |                                   |                                                      | mm     | INCH                       | DRAWN BY<br>PMERUNKA  | DATE<br>2012/04/24                                                                                                            | TITLE<br>CSE M12 XP AC MA RA XM<br>SE UNSH |                            |  |           |        |  |
|                                                                                                                                          |                    |                                   | 4 PLACES                                             | ± ---  | ± ---                      | CHECKED BY<br>RSILLER | DATE<br>2013/01/18                                                                                                            |                                            |                            |  |           |        |  |
|                                                                                                                                          |                    |                                   | 3 PLACES                                             | ± ---  | ± ---                      | APPROVED BY<br>APOHL  | DATE<br>2013/11/18                                                                                                            |                                            |                            |  |           |        |  |
|                                                                                                                                          |                    |                                   | 2 PLACES                                             | ± 0.05 | ± ---                      |                       |                                                                                                                               |                                            |                            |  |           |        |  |
|                                                                                                                                          |                    |                                   | 1 PLACE                                              | ± 0.10 | ± ---                      |                       |                                                                                                                               |                                            |                            |  |           |        |  |
|                                                                                                                                          |                    |                                   | 0 PLACE                                              | ± ---  | ± ---                      |                       |                                                                                                                               |                                            |                            |  |           |        |  |
|                                                                                                                                          |                    |                                   | ANGULAR ± .5 °                                       |        |                            | MATERIAL NO.          |                                                                                                                               | DOCUMENT NO.                               |                            |  | SHEET NO. |        |  |
|                                                                                                                                          |                    |                                   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |        |                            | SEE TABLE             |                                                                                                                               |                                            | SD-120065-051              |  |           | 4 OF 4 |  |
|                                                                                                                                          |                    |                                   |                                                      |        |                            | SIZE<br>A3            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                            |                            |  |           |        |  |