

- NOTES:
1. MATERIAL: SEE TABLE
  2. FINISHES : SEE TABLE
  3. "XX" REFERS TO THE NUMBER OF CIRCUITS.
  4. ALL COMPONENTS ARE ROHS COMPLIANT.

| TOLERANCES |       |           |       |
|------------|-------|-----------|-------|
| MM         | TOL   | INCH      | TOL   |
| 0-6        | ±0.25 | 0-.24     | ±.010 |
| >6-30      | ±0.40 | .24-1.18  | ±.016 |
| >30-120    | ±0.50 | 1.18-4.76 | ±.020 |
| >120       | ±0.80 | >4.76     | ±.031 |

|      |       |  |                 |                    |
|------|-------|--|-----------------|--------------------|
| 9    | 2(XX) | SCREW W/WASHER, #6-32, PHIL-SLOT (OPT -49 -50) | BRASS           | NICKEL PLATED      |
| 8    | 2(XX) | SCREW, #6-32, PHIL-SLOT (OPT -56)              | STAINLESS STEEL | STAINLESS STEEL    |
| 7    | 2(XX) | SCREW W/WASHER, #6-32, PHIL-SLOT (OPT -50)     | STEEL           | ZN, CLEAR CHROMATE |
| 6    | 2(XX) | SCREW, #6-32, PHIL-SLOT (OPT -49)              | BRASS           | NICKEL PLATED      |
| 5    | 2(XX) | SCREW, #6-32, SLOTTED (OPT -45)                | STEEL           | ZN, CLEAR CHROMATE |
| 4    | 2(XX) | SCREW, #6-32, PHIL-SLOT (STD)                  | STEEL           | ZN, CLEAR CHROMATE |
| 3    | XX    | TERMINAL (USE W/OPT -49 SCREW)                 | BRASS           | TIN PLATED         |
| 2    | XX    | TERMINAL, PLATE                                | BRASS           | NICKEL PLATED      |
| 1    | 1     | INSULATOR, DOUBLE ROW                          | THERMOPLASTIC   | BLACK              |
| ITEM | QTY.  | DESCRIPTION                                    | MATERIAL        | FINISH             |


(F2)

|  |                                       |   |   |  |  |
|--|---------------------------------------|---|---|--|--|
| FUNCTIONAL SYMBOLS                                   |                                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   | <p><b>molex</b></p> <p>11.11MM [.438] DR BTS, CB ASY</p> |  |
| FA = 0   | MM/INCH                               | SCALE   | 1:1   |  |  |
| FE = 0   | GENERAL TOLERANCES (UNLESS SPECIFIED) |   | EC NO: 739748<br>DRWN: SANTHN<br>CHKD: GGA<br>APPR: GGA |  | 2023/02/22<br>2023/02/24<br>2023/02/24 |
| FD = 0   | DIVISIONAL SYMBOLS                    |   | INITIAL REVISION:<br>DRWN: CYORK<br>APPR: RDEROSS       |  | 2006/01/23<br>2006/01/23               |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                       | THIRD ANGLE PROJECTION  | DRAWING   | SERIES   | DOCUMENT NUMBER                        |
|  |                                       |   | B-SIZE  | 38780  | SD-38780-001                           |
|  |                                       |   |   |  | DOC TYPE DOC PART REVISION             |
|  |                                       |   |   |  | PSD 001 F3                             |
|  |                                       |   |   |  | MATERIAL NUMBER CUSTOMER SHEET NUMBER  |
|  |                                       |   |   |  | SEE CHART GENERAL MARKET 1 OF 2        |

F2

| NO. OF<br>CIRCUITS "XX" | DIM. "A" |         | DIM. "B" |          | DIM. "C" |          | MATERIAL NO.<br>(STD) | MATERIAL NO.<br>(-49 OPT) | MATERIAL NO.<br>(-50 OPT) | MATERIAL NO.<br>(-56 OPT) | MATERIAL NO.<br>(-10A IMP OPT) | MATERIAL NO.<br>(-49 -50 OPT) |
|-------------------------|----------|---------|----------|----------|----------|----------|-----------------------|---------------------------|---------------------------|---------------------------|--------------------------------|-------------------------------|
|                         | MM       | IN      | MM       | IN       | MM       | IN       |                       |                           |                           |                           |                                |                               |
| 02                      | 41.3     | [1.62]  | 11.11    | [.438]   | 32.83    | [1.293]  | 387800102             | 387800202                 | 387800302                 | 387890014                 | 387800502                      | 387890401                     |
| 03                      | 52.4     | [2.06]  | 22.23    | [.875]   | 43.94    | [1.730]  | 387800103             | 387800203                 | 387800303                 | 387890032                 | ---                            | ---                           |
| 04                      | 63.5     | [2.50]  | 33.34    | [1.313]  | 55.05    | [2.168]  | 387800104             | 387800204                 | 387800304                 | 387890039                 | ---                            | 387890402                     |
| 05                      | 74.6     | [2.94]  | 44.45    | [1.750]  | 66.17    | [2.605]  | 387800105             | ---                       | 387800305                 | 387890067                 | ---                            | ---                           |
| 06                      | 85.7     | [3.37]  | 55.56    | [2.188]  | 77.28    | [3.043]  | 387800106             | 387800206                 | 387800306                 | 387890075                 | ---                            | ---                           |
| 07                      | 96.8     | [3.81]  | 66.68    | [2.625]  | 88.39    | [3.480]  | 387800107             | ---                       | 387800307                 | 387890285                 | 387800507                      | ---                           |
| 08                      | 107.9    | [4.25]  | 77.79    | [3.063]  | 99.50    | [3.918]  | 387800108             | 387800208                 | 387800308                 | 387890095                 | 387800508                      | 387890403                     |
| 09                      | 119.0    | [4.69]  | 88.90    | [3.500]  | 110.62   | [4.355]  | 387800109             | ---                       | ---                       | 387890290                 | 387800509                      | ---                           |
| 10                      | 130.2    | [5.12]  | 100.01   | [3.938]  | 121.73   | [4.793]  | 387800110             | ---                       | 387800310                 | 387890120                 | 387800510                      | ---                           |
| 11                      | 141.3    | [5.56]  | 111.13   | [4.375]  | 132.84   | [5.230]  | ---                   | 387800211                 | ---                       | 387890132                 | 387800511                      | ---                           |
| 12                      | 152.4    | [6.00]  | 122.24   | [4.813]  | 143.95   | [5.668]  | 387800112             | ---                       | 387800312                 | 387890134                 | 387800512                      | 387890404                     |
| 13                      | 163.5    | [6.44]  | 133.35   | [5.250]  | 155.07   | [6.105]  | ---                   | ---                       | ---                       | ---                       | 387800513                      | ---                           |
| 14                      | 174.6    | [6.87]  | 144.46   | [5.688]  | 166.18   | [6.543]  | 387800114             | ---                       | 387800314                 | 387890151                 | 387800514                      | ---                           |
| 15                      | 185.7    | [7.31]  | 155.58   | [6.125]  | 177.29   | [6.980]  | 387800115             | ---                       | ---                       | 387890153                 | 387800515                      | ---                           |
| 16                      | 196.8    | [7.75]  | 166.69   | [6.563]  | 188.40   | [7.418]  | 387800116             | ---                       | ---                       | 387890159                 | 387800516                      | ---                           |
| 17                      | 207.9    | [8.19]  | 177.80   | [7.000]  | 199.52   | [7.855]  | ---                   | ---                       | ---                       | 387890161                 | 387800517                      | ---                           |
| 18                      | 219.1    | [8.62]  | 188.91   | [7.438]  | 210.63   | [8.293]  | 387800118             | ---                       | ---                       | 387890165                 | 387800518                      | ---                           |
| 19                      | 230.2    | [9.06]  | 200.03   | [7.875]  | 221.74   | [8.730]  | ---                   | ---                       | 387800319                 | ---                       | 387800519                      | ---                           |
| 20                      | 241.3    | [9.50]  | 211.14   | [8.313]  | 232.85   | [9.168]  | 387800120             | ---                       | ---                       | 387890174                 | ---                            | 387890405                     |
| 21                      | 252.4    | [9.94]  | 222.25   | [8.750]  | 243.97   | [9.605]  | 387800121             | 387800221                 | 387800321                 | ---                       | 387800521                      | ---                           |
| 22                      | 263.5    | [10.37] | 233.36   | [9.188]  | 255.08   | [10.043] | 387800122             | ---                       | ---                       | 387890180                 | 387800522                      | ---                           |
| 23                      | 274.6    | [10.81] | 244.48   | [9.625]  | 266.19   | [10.480] | ---                   | ---                       | ---                       | ---                       | 387800523                      | ---                           |
| 24                      | 285.7    | [11.25] | 255.59   | [10.063] | 277.30   | [10.918] | 387800124             | ---                       | ---                       | 387890184                 | 387800524                      | ---                           |
| 25                      | 296.8    | [11.69] | 266.70   | [10.500] | 288.42   | [11.355] | 387800125             | ---                       | ---                       | 387890262                 | 387800525                      | ---                           |
| 26                      | 308.0    | [12.12] | 277.81   | [10.938] | 299.53   | [11.793] | ---                   | ---                       | 387800326                 | 387890186                 | 387800526                      | ---                           |
| 27                      | 319.1    | [12.56] | 288.93   | [11.375] | 310.64   | [12.230] | ---                   | ---                       | ---                       | ---                       | 387800527                      | ---                           |
| 28                      | 330.2    | [13.00] | 300.04   | [11.813] | 321.75   | [12.668] | ---                   | 387800228                 | ---                       | ---                       | 387800528                      | ---                           |
| 29                      | 341.3    | [13.44] | 311.15   | [12.250] | 332.87   | [13.105] | ---                   | 387800229                 | 387800329                 | ---                       | 387800529                      | ---                           |
| 30                      | 352.4    | [13.87] | 322.26   | [12.688] | 343.98   | [13.543] | 387800130             | ---                       | ---                       | 387890188                 | 387800530                      | ---                           |

| TOLERANCES |       |           |       |
|------------|-------|-----------|-------|
| MM         | TOL   | INCH      | TOL   |
| 0-6        | ±0.25 | 0-.24     | ±.010 |
| >6-30      | ±0.40 | .24-1.18  | ±.016 |
| >30-120    | ±0.50 | 1.18-4.76 | ±.020 |
| >120       | ±0.80 | >4.76     | ±.031 |

|  |  |  |  |            |  |  |  |  |  |  |  |   |  |  |  |                      |  |  |  |                      |  |  |  |                 |  |  |  |          |  |  |  |              |  |  |  |
|--|--|--|--|------------|--|--|--|--|--|--|--|---|--|--|--|----------------------|--|--|--|----------------------|--|--|--|-----------------|--|--|--|----------|--|--|--|--------------|--|--|--|
| FUNCTIONAL SYMBOLS                                   |  |  |  |            |  |  |  |  |  |  |  | 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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#512245. |  |  |  |  <p>11.11MM [.438] DR BTS, CB ASY</p>                    |  |  |  |                      |  |  |  |                      |  |  |  |                 |  |  |  |          |  |  |  |              |  |  |  |
| MM/INCH  |  |  |  | 1:1        |  |  |  |  |  |  |  |   |  |  |  |                      |  |  |  |                      |  |  |  |                 |  |  |  |          |  |  |  |              |  |  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                |  |  |  |            |  |  |  |  |  |  |  | EC NO: 739748   |  |  |  |                      |  |  |  |                      |  |  |  |                 |  |  |  |          |  |  |  |              |  |  |  |
| 4 PLACES ±   |  |  |  | 3 PLACES ± |  |  |  | 2 PLACES ±   |  |  |  | 1 PLACES ±  |  |  |  | 0 PLACES ±           |  |  |  | ANGULAR TOL ± °      |  |  |  |                 |  |  |  |          |  |  |  |              |  |  |  |
| SEE CHART  |  |  |  | SEE CHART  |  |  |  | SEE CHART  |  |  |  | SEE CHART   |  |  |  | SEE CHART            |  |  |  | SEE CHART            |  |  |  |                 |  |  |  |          |  |  |  |              |  |  |  |
| DIVISIONAL SYMBOLS                                   |  |  |  |            |  |  |  |  |  |  |  | DRWN: SANTHN 2023/02/22   |  |  |  | CHKD: GGA 2023/02/24 |  |  |  | APPR: GGA 2023/02/24 |  |  |  |                 |  |  |  |          |  |  |  |              |  |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  |  |  |            |  |  |  |  |  |  |  | THIRD ANGLE PROJECTION  |  |  |  | DRAWING              |  |  |  | SERIES               |  |  |  | MATERIAL NUMBER |  |  |  | CUSTOMER |  |  |  | SHEET NUMBER |  |  |  |
| B-SIZE   |  |  |  | 38780      |  |  |  | SEE CHART  |  |  |  | GENERAL MARKET  |  |  |  | 2 OF 2               |  |  |  |                      |  |  |  |                 |  |  |  |          |  |  |  |              |  |  |  |