

## Excellent Integrated System Limited

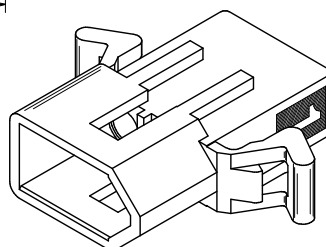
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

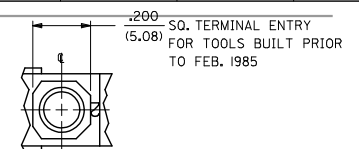
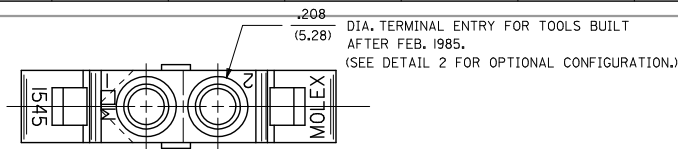
[Molex Connector Corporation](#)  
[0003091027](#)

For any questions, you can email us directly:

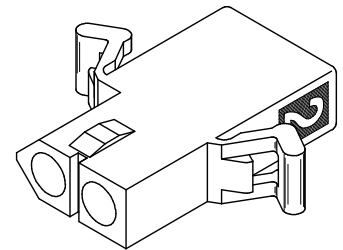
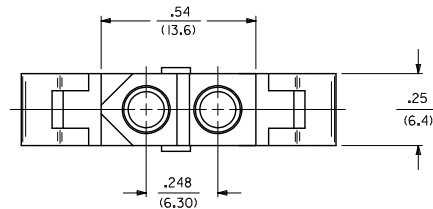
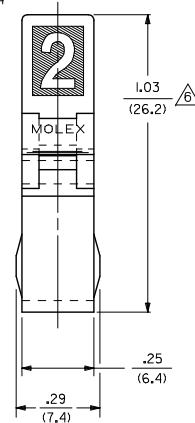
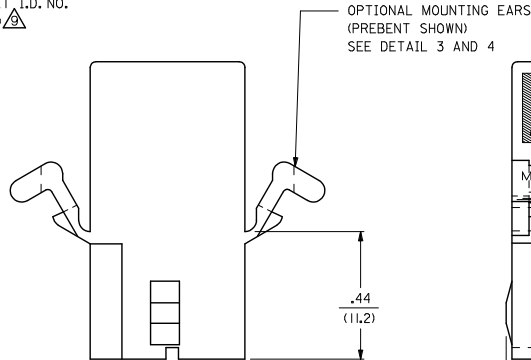
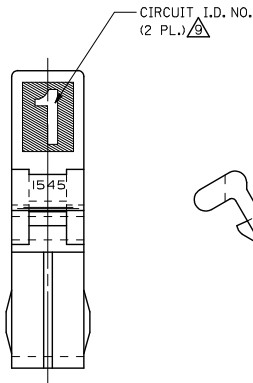
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



ib\_frame\_C\_P\_AM\_T  
Rev. G 2012/01/11



DETAIL "2"



RECEPTACLE

|                                                                           |                                                       |                                                                                                                               |                                                      |  |                 |              |                                                                                                 |              |                                                                                                              |
|---------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--|-----------------|--------------|-------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------|
| SEE SHEET 1<br>EC NO 2014-5398<br>DRAWN: JDFX<br>CHKD: JPER<br>APPROV: TH | DESCRIPTION<br>2014/06/24<br>2014/06/24<br>2014/07/10 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0                                                                                          | GENERAL TOLERANCES (UNLESS SPECIFIED)                |  | DIMENSION STYLE |              | SCALE                                                                                           | DESIGN UNITS |  THIRD ANGLE PROJECTION |
|                                                                           |                                                       |                                                                                                                               |                                                      |  | IN/MM           |              | 4:1                                                                                             | INCH         |                                                                                                              |
|                                                                           |                                                       |                                                                                                                               | mm INCH                                              |  | DRAWN BY        | DATE         | TITLE<br>.093/(2.36) HOUSING,<br>PLUG & RECEPTACLE,<br>2 CKT., .248/(6.30) CTR.<br><b>molex</b> |              |                                                                                                              |
|                                                                           |                                                       |                                                                                                                               | 4 PLACES ± ±                                         |  | GE              | 8/9/88       |                                                                                                 |              |                                                                                                              |
|                                                                           |                                                       |                                                                                                                               | 3 PLACES ± ±                                         |  | CHECKED BY      | DATE         |                                                                                                 |              |                                                                                                              |
|                                                                           |                                                       |                                                                                                                               | 2 PLACES ± ±                                         |  | 8/9/88          |              |                                                                                                 |              |                                                                                                              |
|                                                                           |                                                       |                                                                                                                               | 1 PLACE ± ±                                          |  | APPROVED BY     | DATE         | SHEET NO.<br>2 OF 3                                                                             |              |                                                                                                              |
|                                                                           |                                                       |                                                                                                                               | 0 PLACE ± ±                                          |  | FSMITH          | 2014/07/10   |                                                                                                 |              |                                                                                                              |
|                                                                           |                                                       |                                                                                                                               | ANGULAR ±1/2°                                        |  | MATERIAL NO.    | DOCUMENT NO. |                                                                                                 |              |                                                                                                              |
|                                                                           |                                                       |                                                                                                                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  | SEE CHART       |              | SD-1545-*                                                                                       |              |                                                                                                              |
| SIZE C                                                                    |                                                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                      |  |                 |              |                                                                                                 |              |                                                                                                              |

| PLUG       |           |
|------------|-----------|
| PART NO.   | ENG. NO.  |
| 03-09-2021 | I545-P    |
| 03-09-2022 | I545-P1   |
| 03-09-7021 | I545-PBK  |
| 03-09-7022 | I545-P1BK |
| 03-09-2023 | I545-P2   |
| 03-09-7024 | I545-P1RD |
| 03-09-7023 | I545-P1BU |
| 50-36-1686 | I545-P1-1 |

| RECEPTACLE |           |
|------------|-----------|
| PART NO.   | ENG. NO.  |
| 03-09-6021 | I545-R3BK |
| 03-09-6023 | I545-R3RD |
| 03-09-6024 | I545-R3BU |
| 03-09-1022 | I545-R1   |
| 03-09-1023 | I545-R2   |
| 03-09-6025 | I545-R1BU |
| 03-09-1027 | I545-R3   |
| 50-36-1685 | I545-R1-1 |

#### LEGEND : PLUG

**I545-P\*\*\*-\***

OPTIONS: \_\_\_\_\_

BLANK = WITH STD. EARS  
1 = WITHOUT EARS  
2 = WITH PREBENT EARS

COLOR: BLANK=NATURAL COLOR \_\_\_\_\_

AM=AMBER BK=BLACK BU=BLUE  
BN=BROWN GY=GRAY GN=GREEN  
OR=ORANGE RD=RED YW=YELLOW

\*APPLIES TO MATERIAL A ONLY  
MATERIAL B ONLY AVAILABLE IN BLACK

BLANK = MATERIAL CODE A  
1 = MATERIAL CODE B

#### LEGEND : RECEPTACLE

**I545-R\*\*\*-\***

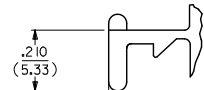
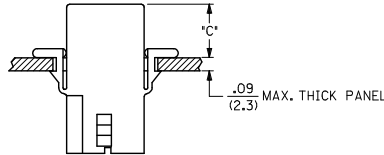
BLANK = WITH STD. EARS & RAMPS  
1 = WITHOUT EARS, WITH RAMPS  
2 = WITHOUT EARS, WITHOUT RAMPS  
3 = WITH PREBENT EARS & RAMPS

COLOR: BLANK=NATURAL COLOR \_\_\_\_\_

AM=AMBER BK=BLACK BU=BLUE  
BN=BROWN GY=GRAY GN=GREEN  
OR=ORANGE RD=RED YW=YELLOW

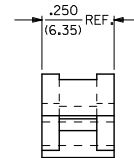
\*APPLIES TO MATERIAL A ONLY  
MATERIAL B ONLY AVAILABLE IN BLACK

BLANK = MATERIAL CODE A  
1 = MATERIAL CODE B



#### DETAIL 3

.093/(2.36) STANDARD MOUNTING EAR



#### DETAIL 4

.093/(2.36) PREBENT MOUNTING EAR

#### NOTES:

- MATERIAL: - A = NYLON, PA66, 94V-2. COLOR: SEE LEGEND.  
B = UL94V-0, PA6 NYLON, GLOW WIRE CAPABLE PER IEC 60335-1, COLOR: BLACK.
- FINISH: NONE.
- PRODUCT SPECIFICATION: PS-02-09.
- PACKAGING INFORMATION: PK-1545-001
- .97/(24.6) REF. FOR TOOLS BUILT PRIOR TO FEB. 1985.
- 1.00/(25.4) REF. FOR TOOLS BUILT PRIOR TO FEB. 1985.
- RIBS ARE PRESENT ONLY ON PARTS WITH MOUNTING EARS.
- EACH TERMINAL POCKET WILL ACCEPT UP TO:  
(2) #18 AWG WIRES HAVING 1/32" THK. INSULATION OR  
(1) #16 AWG WIRE HAVING 1/16" THK. INSULATION OR  
(1) #16 AWG & (1) #18 AWG WIRE HAVING 1/32" THK. INSULATION.
- CIRCUIT I.D. NUMBERS ON SIDE OF HOUSING APPEAR ON PARTS FROM TOOLS BUILT AFTER 11/25/91.
- PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 EXCEPT MATERIAL OPTION 'B' MEETS CLASS 'C' REQUIREMENTS FOR SINK AND DISCOLORATION.

RECOMMENDED PANEL OPENING  
(SCALE 2:1)

| HOUSING    | DIM. 'A'     | DIM. 'B'    | DIM. 'C' (PREBENT) | DIM. 'C' (STD. EAR) |
|------------|--------------|-------------|--------------------|---------------------|
| PLUG       | .800/(20.32) | .375/(9.53) | .40/(10.2)         | .39/(9.9)           |
| RECEPTACLE | .725/(18.42) | .312/(7.92) | .41/(10.4)         | .40/(10.2)          |

|                                                                                                                                             |                 |                                       |                                                            |                          |              |                                                                                                                                          |                      |                           |           |  |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------|------------------------------------------------------------|--------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------|-----------|--|
| SEE SHEET 1<br>EC NO: UCP2014-5398<br>2014/06/24<br>DRWN:JDFX<br>CHKD:KIPER<br>2014/06/24<br>APPROV:JTH<br>2014/07/10<br>DESCRIPTION<br>REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                            | DIMENSION STYLE<br>IN/MM |              | SCALE<br>4:1                                                                                                                             | DESIGN UNITS<br>INCH | THIRD ANGLE<br>PROJECTION |           |  |
|                                                                                                                                             | ▽=0             | mm                                    | INCH                                                       | DRAWN BY                 | DATE         | .093/(2.36) HOUSING,<br>PLUG & RECEPTACLE,<br>2 CKT., .248/(6.30) CTR.<br><b>molex</b><br><b>SD-1545-*</b>                               |                      |                           |           |  |
|                                                                                                                                             | ▽=0             | 4 PLACES ±                            | ---                                                        | GEP                      | 8/9/88       |                                                                                                                                          |                      |                           |           |  |
|                                                                                                                                             | ▽=0             | 3 PLACES ±                            | ---                                                        | CHECKED BY               | DATE         |                                                                                                                                          |                      |                           |           |  |
|                                                                                                                                             | ▽=0             | 2 PLACES ±                            | 0.25 ±                                                     | RW                       | 8/9/88       |                                                                                                                                          |                      |                           |           |  |
|                                                                                                                                             |                 | 1 PLACE ±                             | 0.35 ±                                                     | APPROVED BY              | DATE         | <b>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br/>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</b> |                      |                           |           |  |
|                                                                                                                                             |                 | 0 PLACE ±                             | ---                                                        | FSMITH                   | 2014/07/10   |                                                                                                                                          |                      |                           |           |  |
|                                                                                                                                             |                 |                                       | ANGULAR ±1/2°                                              |                          | MATERIAL NO. |                                                                                                                                          | DOCUMENT NO.         |                           | SHEET NO. |  |
|                                                                                                                                             |                 |                                       | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                          | SEE CHART    |                                                                                                                                          | SD-1545-*            |                           | 3 OF 3    |  |
|                                                                                                                                             |                 |                                       |                                                            |                          | SIZE         |                                                                                                                                          |                      |                           |           |  |
|                                                                                                                                             |                 |                                       |                                                            |                          |              |                                                                                                                                          |                      |                           |           |  |