

Excellent Integrated System Limited

Stocking Distributor

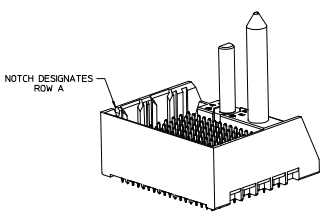
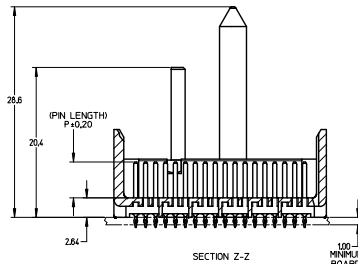
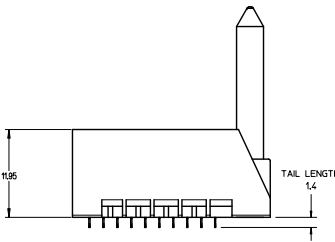
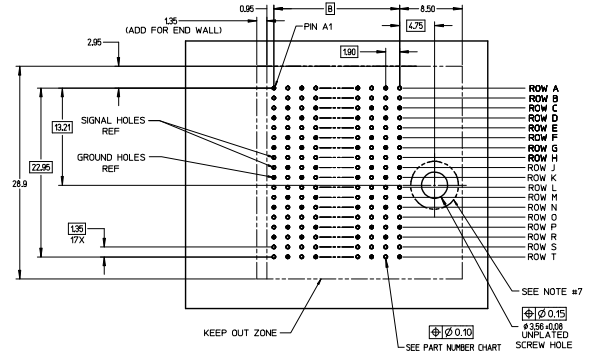
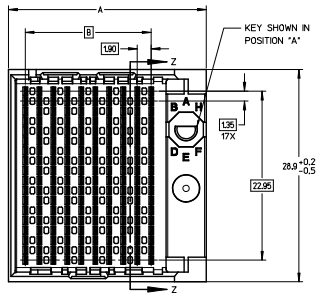
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)

[0761454606](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30µ MIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
MOLEX COSMETIC SPEC PS-45499-002.
5. PACKAGE PER: PK-70873-760.
6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
7. FOR GROUNDED GUIDE PINS USE DIA. 3.56 +/- 0.08 (PTH)
DIA. 3.66 (DRILL) AND DIA 6.5 (PAD).
8. MATES WITH IMPACT DC SERIES NO. 76150.
9. KEEP OUT ZONE FOR BP HOUSING LENGTH INCLUDES AN ADDITIONAL 10MM
TO ACCOMMODATE FOR SPACE REQUIRED BY DC FRONT HOUSING.
10. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
11. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
12. *THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR INSERTION AND
REPAIR ON THE PC BOARD. THIS IS REFERRED TO AS THE 'CONNECTOR KEEP OUT ZONE' AND
DOES NOT REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR, WHEN LAYING OUT A PC BOARD
FOR CONNECTORS STACKED TOGETHER, USE A 19mm PROGRESSION.*

| | | | | | | |
|---|-----------------|--|----------------------|---|--------------|--|
| REVISED (NUMBER) EC NO. LCP/2014-0887 DRAWN BY: B. INGMAN 2010/07/25 CHECKED BY: J. LAURX 2010/07/25 APPROVED BY: J. LAURX 2010/07/25 DESIGNED BY: J. LAURX 2010/07/25 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | ∇=0 | 4 PLACES ± --- | MM ONLY | 4:1 | METRIC | IMPACT 6 PAIR HEADER RIGHT GUIDED ASSEMBLY SALES DRAWING |
| | ∇=0 | 3 PLACES ± --- | DRAWN BY: MSANDBERG | DATE: 2007/12/26 | TITLE | |
| | ∇=0 | 2 PLACES ± 0.13 | CHECKED BY: J. LAURX | DATE: 2007/12/26 | | |
| ∇=0 | 1 PLACE ± 0.25 | APPROVED BY: J. LAURX | DATE: 2010/02/22 | | | |
| | | 0 PLACE ± | PARTIAL NO. | DOCUMENT NO. | SHEET NO. | |
| | | ANGULAR ± 1/2° | SEE TABLE | SD-76145-003 | 1 OF 3 | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SIZE D | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |

PART NUMBER LOGIC

76145-***

MODULE TYPE
 5 = GUIDE RIGHT, TIN
 9 = GUIDE RIGHT END WALL, TIN

OF COLUMNS
 1 = 10 COLUMN
 6 = 16 COLUMN
 7 = 14 COLUMN

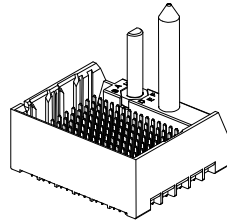
PIN LENGTH (P)
 3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
 4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
 5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
 6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
 7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
 8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

KEY ORIENTATION
 0 = NO KEY
 1 = A
 2 = B
 3 = C
 4 = D
 5 = E
 6 = F
 7 = G
 8 = H

PART NUMBER TABLE

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM 'A' | DIM 'B' |
|-----------------|--------------|----------------|---------|---------|
| 76145-#1** | 10 | 60 | 26.9 | 17.10 |
| 76145-#7** | 14 | 84 | 34.5 | 24.70 |
| 76145-#6** | 16 | 96 | 38.3 | 28.50 |

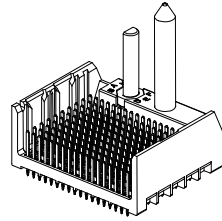
GUIDE RIGHT
 END WALL
 OPTION



GUIDE RIGHT
 END WALL
 OPTION

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM 'A' | DIM 'B' |
|-----------------|--------------|----------------|---------|---------|
| 76145-#1** | 10 | 60 | 25.5 | 17.10 |
| 76145-#7** | 14 | 84 | 33.1 | 24.70 |
| 76145-#6** | 16 | 96 | 36.9 | 28.50 |

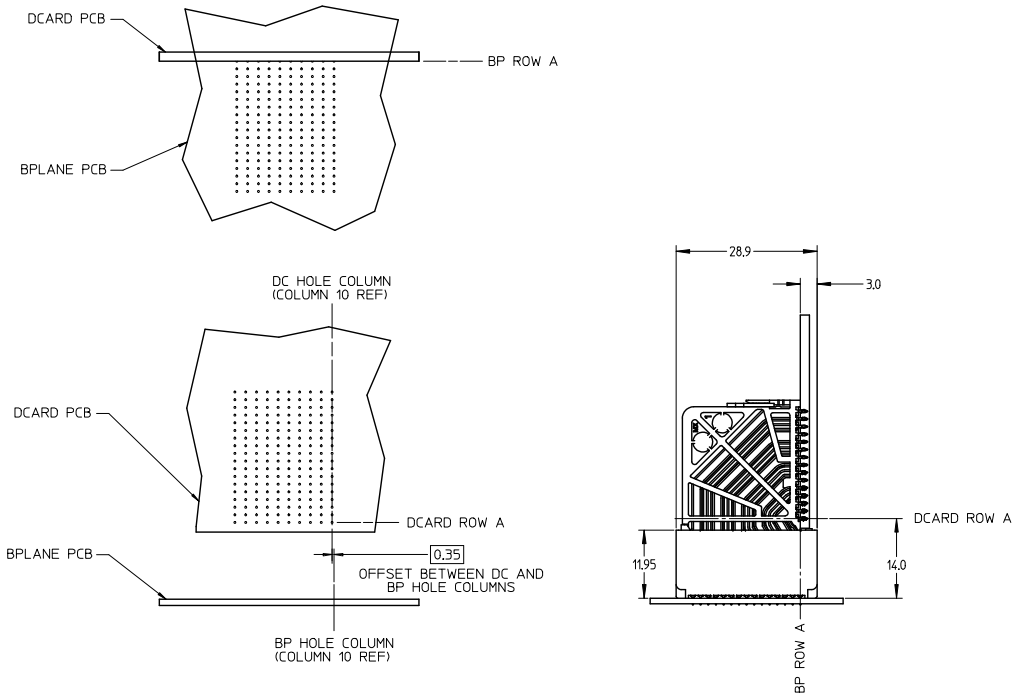
GUIDE RIGHT
 OPEN WALL
 OPTION



GUIDE RIGHT
 OPEN WALL
 OPTION

| | | | | | | | | | |
|---|--------------------------------------|---|----|----------------------------|-------------|--------------|--|------------------------|--|
| SEE SHEET 1 EC NO: UCP2014-0887 DRAWN BY: BINGHAN CHKD: JLAURX APPR: JLAURX 2013/08/25 2013/08/25 2013/09/25 | QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 2:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | | 4 PLACES ± --- ± --- | mm | INCH | DRAWN BY | DATE | TITLE IMPACT 6 PAIR HEADER RIGHT GUIDED ASSEMBLY SALES DRAWING molex MATERIAL NO. SD-76145-003 DOCUMENT NO. SHEET NO. 2 OF 3 | | |
| | | 3 PLACES ± --- ± --- | | | CHECKED BY | DATE | | | |
| | | 2 PLACES ± 0.13 ± --- | | | APPROVED BY | DATE | | | |
| 1 PLACE ± 0.25 ± --- | | | | | | | | | |
| | | 0 PLACE ± ± | | | | | | | |
| | | ANGULAR ± 1/2° | | SEE TABLE | | | | | |
| 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 | | | | | | | |

IMPACT 6 PAIR
BOARD RELATIONSHIPS



| | | | | | | | | | |
|--|--------------------------------------|--|--|----------------------------|--------------------|---|------------------------|--|--|
| SEE SHEET 1 EC NO: UCP2014-0887 DRAWN: B INGHAM 2013/08/25 CHKD: JLAURX 2013/08/25 APPR: JLAURX 2013/09/25 | QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 2:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± ± | mm INCH ± --- ± --- ± --- ± --- ± 0.13 ± --- ± 0.25 ± --- ± ± | DRAWN BY MSANDBERG | DATE 2007/12/26 | TITLE IMPACT 6 PAIR HEADER RIGHT GUIDED ASSEMBLY SALES DRAWING | | molex | |
| G1 | REV | ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. SEE TABLE | | DOCUMENT NO. SD-76145-003 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | |