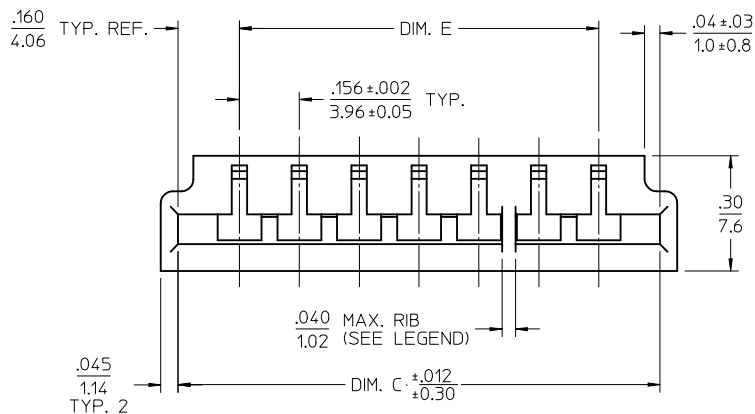
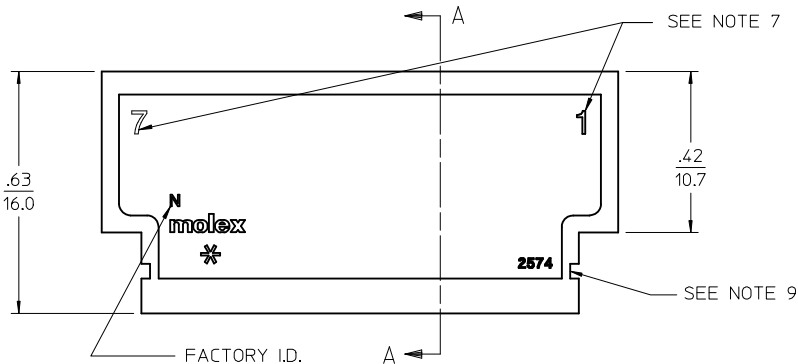
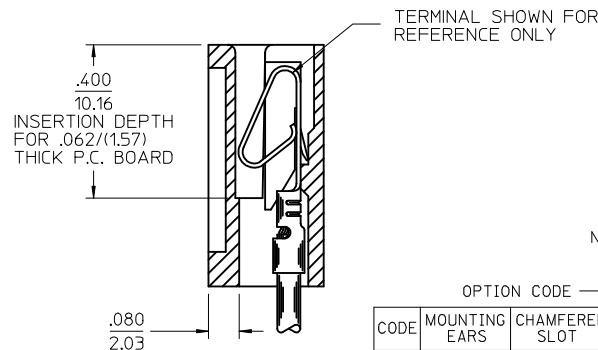
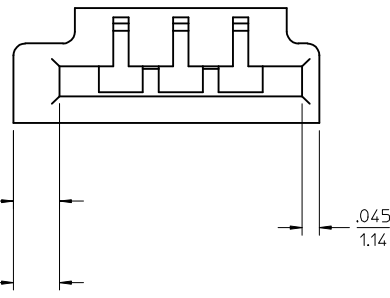


# SECTION A-A



3 CIRCUIT ONLY



## NOTES:

1. MATERIAL: NYLON 6/6, 94V-2.
2. FINISH: SEE CRIMP TERMINAL DRAWING.
3. THIS PRODUCT CONFORMS TO PRODUCT SPECIFICATION PS-08-50.
4. PACKAGING: BULK PER PK-2574-001
5. CONNECTOR TO BE USED WITH CRIMP TERMINALS:
  - 2478: 18-24 GAGE WIRE, .110/(2.79) MAX. INSULATION DIAMETER.
  - 2578: 22-26 GAGE WIRE, .065/(1.65) MAX. INSULATION DIAMETER.
  - 2878: 18-20 GAGE WIRE, .110/(2.79) MAX. INSULATION DIAMETER.
6. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN ONE HALF THE TOTAL TOLERANCE.
7. CIRCUIT 1 I.D. PRESENT ON ALL PARTS. LAST CIRCUIT I.D. MAY OR MAY NOT BE PRESENT.
8. PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002
9. SLOTS MAY OR MAY NOT BE PRESENT ON PART.

| CODE | MOUNTING EARS | CHAMFERED SLOT | PCB THK | MOUNTING HOLES |
|------|---------------|----------------|---------|----------------|
| A    | NO            | NO             | .062    | NO             |
| B    | YES           | NO             | .062    | NO             |
| C    | NO            | YES            | .062    | NO             |
| D    | YES           | YES            | .062    | NO             |
| E    | NO            | NO             | .032    | NO             |
| F    | YES           | NO             | .062    | YES            |

2574 - N \* \* \*

NO. OF CIRCUITS

COLOR CODE  
BLANK=NATURAL  
BK=BLACK

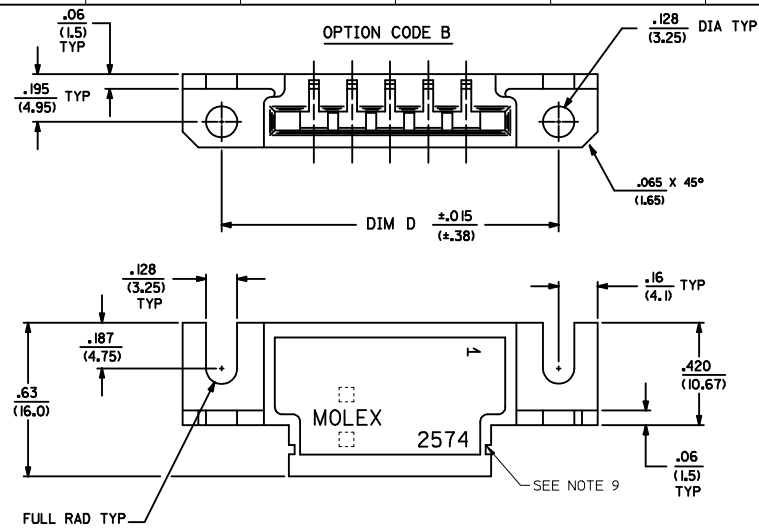
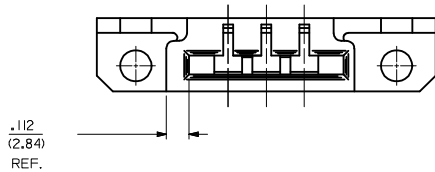
OPTION CODE

RIB LOCATION CODE (BETWEEN CKTS)

1 = NONE  
2 = 2-3  
3 = 3-4  
4 = 5-6  
5 = 3-4, 5-6  
6 = 4-5, 7-8  
7 = 5-6, 8-9  
8 = 5-6, 10-11  
9 = 4-5, 7-8, 11-12  
10 = 5-6, 10-11, 14-15  
11 = 5-6, 10-11, 15-16  
12 = 5-6, 11-12, 16-17  
13 = 5-6, 11-12, 17-18  
14 = 4-5, 7-8, 11-12, 15-16  
15 = 4-5, 8-9, 12-13, 16-17, 20-21  
16 = 5-6, 11-12, 18-19

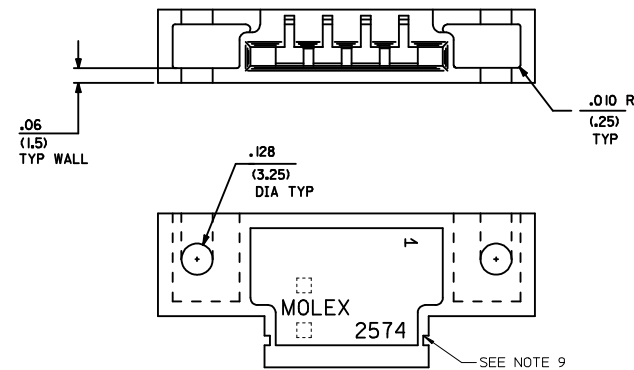
|                                                                                                                |             |                                                                 |                                                            |        |                          |            |                                                                                                                                  |                                                                               |                                                     |  |  |                     |
|----------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------|------------------------------------------------------------|--------|--------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------|--|--|---------------------|
| NOTE 7<br>EC NO: UCP2015-0556<br>DRWN: JDFOX 2014/08/07<br>CHKD: HKIPPER 2014/08/08<br>APPR: FSMITH 2014/08/29 | DESCRIPTION | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>IN/MM |            | SCALE<br>4:1                                                                                                                     | DESIGN UNITS<br>INCH                                                          | THIRD ANGLE PROJECTION<br><div>⊙</div> <div>⏏</div> |  |  |                     |
|                                                                                                                |             |                                                                 |                                                            | mm     | INCH                     | DRAWN BY   | DATE                                                                                                                             | TITLE<br>EDGE CARD CONNECTOR<br>.156/(3.96) CENTERS<br>CRIMP TYPE-2574 SERIES |                                                     |  |  |                     |
|                                                                                                                |             |                                                                 | 4 PLACES ± ---                                             | ± ---  | PEREZ-ARGUET             | 1988/03/02 |                                                                                                                                  |                                                                               |                                                     |  |  |                     |
|                                                                                                                |             |                                                                 | 3 PLACES ± ---                                             | ± .010 | CHECKED BY               | DATE       | DOCUMENT NO.<br>SD-2574                                                                                                          |                                                                               |                                                     |  |  |                     |
|                                                                                                                |             |                                                                 | 2 PLACES ± 0.25                                            | ± .015 | PATEL                    | 1988/03/02 |                                                                                                                                  |                                                                               |                                                     |  |  |                     |
|                                                                                                                |             |                                                                 | 1 PLACE ± 0.36                                             | ± ---  | APPROVED BY              | DATE       | moLEX                                                                                                                            |                                                                               |                                                     |  |  |                     |
|                                                                                                                |             |                                                                 | 0 PLACE ± ---                                              | ± ---  | FSMITH                   | 2012/08/13 |                                                                                                                                  |                                                                               |                                                     |  |  |                     |
|                                                                                                                |             |                                                                 | ANGULAR ± 3 °                                              |        | MATERIAL NO.             |            |                                                                                                                                  |                                                                               |                                                     |  |  | SHEET NO.<br>1 OF 3 |
|                                                                                                                |             |                                                                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | SEE CHART                |            |                                                                                                                                  |                                                                               |                                                     |  |  |                     |
|                                                                                                                |             |                                                                 | REV                                                        | D4     |                          | SIZE       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                               |                                                     |  |  |                     |

## 3 CIRCUIT ONLY

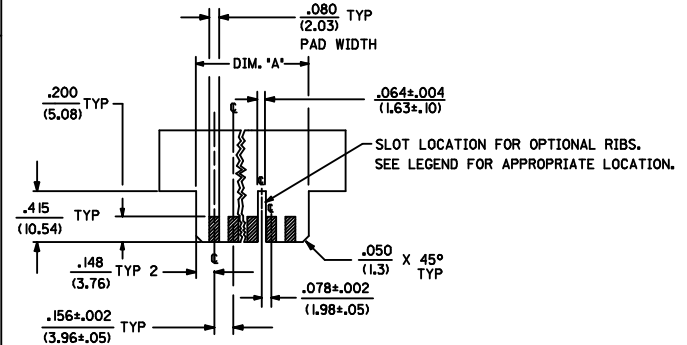
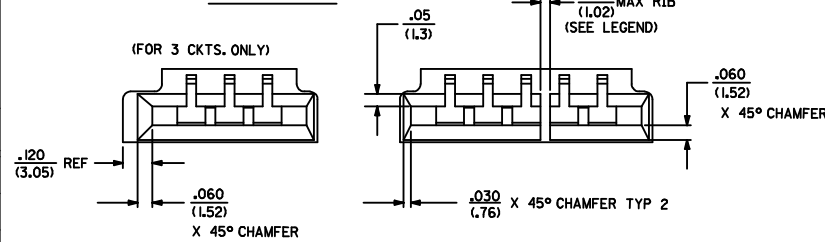


## OPTION CODE F

SAME AS OPTION B EXCEPT AS SHOWN

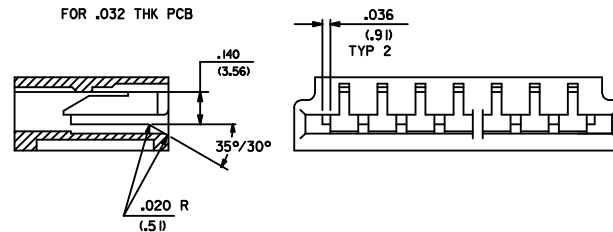
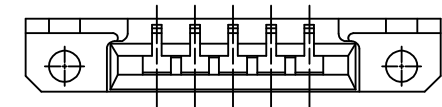


## OPTION CODE C



## OPTION CODE E

FOR .032 THK PCB

OPTION CODE D  
(SEE OPTIONS B & C  
FOR DIMENSIONS)

| NO. OF<br>CKT'S | DIM. C           | DIM. D            | DIM. E                    | DIM. A           |
|-----------------|------------------|-------------------|---------------------------|------------------|
| 3               | .632<br>(16.05)  | 1.143<br>(29.03)  | .312±.002<br>(7.92±.05)   | .618<br>(15.70)  |
| 4               | .788<br>(20.02)  | 1.224<br>(31.09)  | .468±.002<br>(11.89±.05)  | .774<br>(19.66)  |
| 5               | .944<br>(23.98)  | 1.380<br>(35.05)  | .624±.003<br>(15.85±.08)  | .922<br>(23.42)  |
| 6               | 1.100<br>(27.94) | 1.536<br>(39.01)  | .780±.003<br>(19.81±.08)  | 1.078<br>(27.38) |
| 7               | 1.256<br>(31.90) | 1.692<br>(42.98)  | .936±.003<br>(23.77±.08)  | 1.232<br>(31.29) |
| 8               | 1.412<br>(35.86) | 1.848<br>(46.94)  | 1.092±.004<br>(27.74±.10) | 1.388<br>(35.26) |
| 9               | 1.568<br>(39.83) | 2.004<br>(50.90)  | 1.248±.004<br>(31.70±.10) | 1.544<br>(39.22) |
| 10              | 1.724<br>(43.79) | 2.160<br>(54.86)  | 1.404±.006<br>(35.66±.15) | 1.700<br>(43.18) |
| 11              | 1.880<br>(47.75) | 2.316<br>(58.83)  | 1.560±.006<br>(39.62±.15) | 1.854<br>(47.09) |
| 12              | 2.036<br>(51.71) | 2.472<br>(62.79)  | 1.716±.006<br>(43.59±.15) | 2.010<br>(51.05) |
| 13              | 2.192<br>(55.68) | 2.628<br>(66.75)  | 1.872±.006<br>(47.55±.15) | 2.164<br>(54.97) |
| 14              | 2.348<br>(59.64) | 2.784<br>(70.71)  | 2.028±.007<br>(51.51±.18) | 2.318<br>(58.88) |
| 15              | 2.504<br>(63.60) | 2.940<br>(74.68)  | 2.184±.007<br>(55.47±.18) | 2.474<br>(62.84) |
| 16              | 2.660<br>(67.56) | 3.096<br>(78.64)  | 2.340±.007<br>(59.44±.18) | 2.631<br>(66.83) |
| 17              | 2.816<br>(71.53) | 3.252<br>(82.60)  | 2.496±.008<br>(63.40±.20) | 2.784<br>(70.71) |
| 18              | 2.972<br>(75.49) | 3.408<br>(86.56)  | 2.652±.009<br>(67.36±.23) | 2.954<br>(75.03) |
| 19              | 3.128<br>(79.45) | 3.564<br>(90.53)  | 2.808±.009<br>(71.32±.23) | 3.095<br>(78.61) |
| 20              | 3.284<br>(83.41) | 3.720<br>(94.49)  | 2.964±.009<br>(75.29±.23) | 3.251<br>(82.58) |
| 21              | 3.440<br>(87.38) | 3.876<br>(98.45)  | 3.120±.010<br>(79.25±.25) | 3.407<br>(86.54) |
| 22              | 3.596<br>(91.34) | 4.032<br>(102.41) | 3.276±.011<br>(83.21±.25) | 3.562<br>(90.47) |
| 23              | 3.752<br>(95.30) | 4.188<br>(106.38) | 3.432±.011<br>(87.17±.28) | 3.716<br>(94.39) |
| 24              | 3.908<br>(99.26) | 4.344<br>(110.34) | 3.588±.012<br>(91.14±.30) | 3.871<br>(98.32) |

|                                                                                                                    |             |                 |                                       |                        |                                                                                                                               |              |              |                                                                                                              |       |              |  |           |  |
|--------------------------------------------------------------------------------------------------------------------|-------------|-----------------|---------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------------------------------------------------------------------------------------------------------|-------|--------------|--|-----------|--|
| SEE SHEET 1<br>EC NO: UCP2015-0556<br>DRWN: JDFX 2014/08/07<br>CHKD: MKJ/PPR 2014/08/08<br>APPR: FSM/TH 2014/08/29 | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE        |                                                                                                                               | SCALE        | DESIGN UNITS |  THIRD ANGLE PROJECTION | TITLE |              |  |           |  |
|                                                                                                                    |             |                 |                                       | IN/MM                  |                                                                                                                               | ---          | INCH         |                                                                                                              |       |              |  |           |  |
|                                                                                                                    |             |                 |                                       | mm                     | INCH                                                                                                                          | DRAWN BY     |              |                                                                                                              |       | DATE         |  |           |  |
|                                                                                                                    |             |                 |                                       | 4 PLACES ± --- ± ---   |                                                                                                                               | PEREZ-ARGUET |              |                                                                                                              |       | 1988/03/02   |  |           |  |
|                                                                                                                    |             |                 |                                       | 3 PLACES ± --- ± .010  |                                                                                                                               | CHECKED BY   |              |                                                                                                              |       | DATE         |  |           |  |
|                                                                                                                    |             |                 |                                       | 2 PLACES ± 0.25 ± .015 |                                                                                                                               | PATEL        |              |                                                                                                              |       | 1988/03/02   |  |           |  |
|                                                                                                                    |             |                 |                                       | 1 PLACE ± 0.36 ± ---   |                                                                                                                               | APPROVED BY  |              |                                                                                                              |       | DATE         |  |           |  |
|                                                                                                                    |             |                 |                                       | 0 PLACE ± --- ± ---    |                                                                                                                               | FSMITH       |              |                                                                                                              |       | 2012/08/13   |  |           |  |
|                                                                                                                    |             |                 |                                       | ANGULAR ± 3 °          |                                                                                                                               | MATERIAL NO. |              |                                                                                                              |       | DOCUMENT NO. |  | SHEET NO. |  |
|                                                                                                                    |             |                 |                                       | DRAFT WHERE APPLICABLE |                                                                                                                               | SEE CHART    |              |                                                                                                              |       | SD-2574      |  | 2 OF 3    |  |
| D4                                                                                                                 | REV         |                 |                                       | SIZE                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |              |                                                                                                              |       |              |  |           |  |

|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|---|------------|------------------------|------------|------------------------|-------------|------------------------|----------|------------------------|----------|------------------------|------------|------------------------|---|--|
|   | 13         | 12                     | 11         | 10                     | 9           | 8                      | 7        | 6                      | 5        | 4                      | 3          | 2                      | 1 |  |
|   | 2574-NA*   |                        | 2574-NB*   |                        | 2574-NC*    |                        | 2574-ND* |                        | 2574-NE* |                        | 2574-NF*   |                        |   |  |
|   | PART NO.   | ENG. NO. (SUFFIX ONLY) | PART NO.   | ENG. NO. (SUFFIX ONLY) | PART NO.    | ENG. NO. (SUFFIX ONLY) | PART NO. | ENG. NO. (SUFFIX ONLY) | PART NO. | ENG. NO. (SUFFIX ONLY) | PART NO.   | ENG. NO. (SUFFIX ONLY) |   |  |
| J | 09-01-6031 | -3A1                   | 09-01-7031 | -3B1                   | 09-01-6038  | -3C1                   |          | -3D1                   |          | -4E1                   | 09-01-7065 | -6F1-BK                | J |  |
|   | 09-01-6041 | -4A1                   | 09-01-7041 | -4B1                   | 009-01-6048 | -04C1                  |          | -08D1                  |          | -6E1                   | 09-01-7087 | -8F1-BK                |   |  |
|   | 09-01-6051 | -5A1                   | 09-01-7051 | -5B1                   | 09-01-6088  | -08C1                  |          | -20D1                  |          |                        |            |                        |   |  |
|   | 09-01-6064 | -6A1                   | 09-01-7064 | -6B1                   |             | -20C1                  |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6081 | -8A1                   | 09-01-7081 | -8B1                   |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            | -8A1D                  | 09-01-7069 | -6B1D                  |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6055 | -5A2                   |            | -8B1D                  |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6061 | -6A2                   | 09-01-7061 | -6B2                   |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6085 | -8A2                   | 09-01-7085 | -8B2                   |             |                        |          |                        |          |                        |            |                        |   |  |
| I | 09-01-6095 | -9A2                   | 09-01-7095 | -9B2                   |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6071 | -7A3                   | 09-01-7071 | -7B3                   |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6086 | -8A3                   | 09-01-7086 | -8B3                   |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6083 | -8A4                   | 09-01-7083 | -8B4                   |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6094 | -9A4                   | 09-01-7094 | -9B4                   |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6091 | -9A5                   | 09-01-7091 | -9B5                   |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6101 | -10A6                  | 09-01-7101 | -10B6                  |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6121 | -12A7                  | 09-01-7121 | -12B7                  |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6129 | -12A4                  | 09-01-7129 | -12B4                  |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6181 | -18A8                  | 09-01-7181 | -18B8                  |             |                        |          |                        |          |                        |            |                        |   |  |
| H | 09-01-6151 | -15A9                  | 09-01-7151 | -15B9                  |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6161 | -16A9                  | 09-01-7161 | -16B9                  |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6171 | -17A10                 | 09-01-7171 | -17B10                 |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6211 | -21A11                 | 09-01-7211 | -21B11                 |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6224 | -22A12                 | 09-01-7224 | -22B12                 |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6221 | -22A13                 | 09-01-7221 | -22B13                 |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6191 | -19A14                 | 09-01-7191 | -19B14                 |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-6241 | -24A15                 | 09-01-7241 | -24B15                 |             |                        |          |                        |          |                        |            |                        |   |  |
|   | 09-01-7222 | -22A16                 |            | -6B1-BK                |             |                        |          |                        |          |                        |            |                        |   |  |
| G |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        | G |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
| F |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        | F |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
| E |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        | E |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
| D |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        | D |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
|   |            |                        |            |                        |             |                        |          |                        |          |                        |            |                        |   |  |
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