

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0009508043](#)  
**Status:** **Active**  
**Overview:** [kk](#)  
**Description:** 3.96mm (.156") Pitch KK® Crimp Terminal Housing, Friction Ramp, 4 Circuits

**Documents:**

|   |  |
|---|--|
| <a href="#">3D Model</a>                      | <a href="#">Product Specification PS-08-50 (PDF)</a> |
| <a href="#">Packaging Specification (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                 |  |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |  |
|----------------|--|
| Product Family | Crimp Housings   |
| Series         | <a href="#">41695</a>                                      |
| Comments       | Glow Wire Equivalent Part Number <a href="#">416952021</a> |
| MolexKits      | Yes  |
| Overview       | <a href="#">kk</a>   |
| Product Name   | KK®  |

**Physical**

|                               |              |
|-------------------------------|--------------|
| Breakaway                     | No           |
| Circuits (maximum)            | 4            |
| Color - Resin                 | Natural      |
| Flammability                  | 94V-0        |
| Gender                        | Female       |
| Glow-Wire Compliant           | No           |
| Keying to Mating Part         | None         |
| Lock to Mating Part           | Yes          |
| Material - Resin              | Polyester    |
| Number of Rows                | 1            |
| Packaging Type                | Bag          |
| Panel Mount                   | No           |
| Pitch - Mating Interface (in) | 0.156 In     |
| Pitch - Mating Interface (mm) | 3.96 mm      |
| Polarized to Mating Part      | Yes          |
| Temperature Range - Operating | 0°C to +75°C |

**Material Info**

|                 |            |
|-----------------|------------|
| Old Part Number | 41695-N-D4 |
|-----------------|------------|

**Reference - Drawing Numbers**

|                         |              |
|-------------------------|--------------|
| Packaging Specification | PK-41695-003 |
| Product Specification   | PS-08-50     |
| Sales Drawing           | SD-41695     |



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Halogen-Free Status**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[41695Series](#)

**Use With**

KK® Crimp Terminal [2478](#) , [2578](#) , [8818](#).  
 Trifurcon™ Crimp Terminal [7258](#) , [6438](#) , [6838](#)



41695 - \* - \* N - ##

MATERIAL CODE  
N=MOLDED NATURAL  
B=BLACK  
G=GLOW WIRE

VOID CODE

BLANK=NO VOIDS  
NO.=NO. CORRESPONDS TO CKT. NO. VOIDED  
MULT. VOIDS=START WITH 51

NO. OF CKTS.  
SEE NOTE 10

| OPTION CODE |               |          |                       |     |
|-------------|---------------|----------|-----------------------|-----|
| CODE        | RAMP          | POLARIZE | PACKAGING             | RIB |
| A           | NO            | NO       | BULK PER PK-41695-001 | NO  |
| B           | YES           | NO       | BULK PER PK-41695-002 | NO  |
| D           | YES           | YES      | BULK PER PK-41695-003 | NO  |
| E           | YES           | NO       | BULK PER PK-41695-002 | YES |
| G           | END RAMP ONLY | YES      | BULK PER PK-41695-003 | NO  |

- NOTES:
- MATERIAL: N - GLASS FILLED POLYESTER, UL94V-0, MOLDED NATURAL  
B - GLASS FILLED POLYESTER, UL94V-0, MOLDED BLACK  
G - UL94V-0 PA6 NYLON , IEC 60335-1, 4th EDITION GLOW WIRE CAPABLE, COLOR: BLACK
  - FINISH: SEE TERMINAL DRAWINGS
  - PRODUCT SPECIFICATION: PS-08-50 AND PS-40-02
  - PACKAGING INFORMATION: SEE LEGEND
  - MATES WITH (3.96)/.156 CENTER HEADERS AND (1.14)/.045 SQUARE OR ROUND PINS
  - HOUSING ACCEPTS STANDARD TERMINAL NOS.:  
2478 (18-24 AWG) WITH (2.79)/.110 MAX. INSULATION DIA.  
2578 (22-26 AWG) WITH (1.65)/.065 MAX. INSULATION DIA.  
OR TRIFURCON TERMINAL NOS.:  
6438 (18-22 AWG) WITH (2.79)/.110 MAX. INSULATION DIA.  
6638 (18-24 AWG) WITH (2.79)/.110 MAX. INSULATION DIA.  
7258 (22-26 AWG) WITH (1.65)/.065 MAX. INSULATION DIA.
  - BOW (.006 MM/MM) / .006 IN/IN.
  - (0.13)/.005 MAX. FLASH ALLOWED ALONG DIMENSION B AND IN LOCKING WINDOW.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
  - CIRCUIT SIZES 13 THROUGH 20 ARE NOT AVAILABLE IN G MATERIAL.

| NO. OF CKTS SEE NOTE 10 | DIM. A        | DIM. B                 |
|-------------------------|---------------|------------------------|
| 1                       | NOT AVAILABLE |                        |
| 2                       | (8.79) .348   | (3.96+.05) .156+.002   |
| 3                       | (12.75) .502  | (7.92+.08) .312+.003   |
| 4                       | (16.71) .656  | (11.89+.08) .468+.003  |
| 5                       | (20.67) .814  | (15.85+.08) .524+.003  |
| 6                       | (24.64) .970  | (19.81+.10) .780+.004  |
| 7                       | (28.60) 1.126 | (23.77+.10) .936+.004  |
| 8                       | (32.56) 1.282 | (27.74+.10) 1.092+.004 |
| 9                       | (36.53) 1.438 | (31.70+.10) 1.248+.004 |
| 10                      | (40.49) 1.594 | (35.66+.15) 1.404+.006 |
| 11                      | (44.45) 1.750 | (39.62+.15) 1.560+.006 |
| 12                      | (48.41) 1.906 | (43.59+.15) 1.716+.006 |
| 13                      | (52.37) 2.062 | (47.55+.15) 1.872+.006 |
| 14                      | (56.34) 2.218 | (51.51+.18) 2.028+.007 |
| 15                      | (60.30) 2.374 | (55.47+.18) 2.184+.007 |
| 16                      | (64.26) 2.530 | (59.44+.20) 2.340+.008 |
| 17                      | (68.22) 2.686 | (63.40+.20) 2.496+.008 |
| 18                      | (72.19) 2.842 | (67.36+.23) 2.652+.009 |
| 19                      | (76.15) 2.998 | (71.32+.23) 2.808+.009 |
| 20                      | (80.11) 3.154 | (75.28+.23) 2.964+.009 |

|   |    |
|---|----|
| 4 | G4 |
| 3 | G6 |
| 2 | G5 |
| 1 | G6 |

|   |                             |  |  |   |  |                    |                      |  |
|---|-----------------------------|--|--|---|--|--------------------|----------------------|--|
| REMOVE 41695-2003<br>IEC NO: UCF2010-0004<br>DRAWN BY: SKOWRONSKI<br>CHECKED BY: PATEL<br>APPROVED BY: ENZ<br>DATE: 04/05/18<br>APPR:FSM/TH | QUALITY SYMBOLS<br>=0<br>=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ±.25 ±.010<br>3 PLACES ±.25 ±.014<br>2 PLACES ±.36 ±.014<br>1 PLACE ±.36 ±.014<br>ANGULAR ±1/2° |  | DIMENSION STYLE<br>MM/IN  |  | SCALE<br>---       | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION   |
|   |                             | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS   |  | DRAWN BY: SKOWRONSKI<br>DATE: 04/05/18<br>CHECKED BY: PATEL<br>DATE: 04/05/18<br>APPROVED BY: ENZ<br>DATE: 04/05/18           |  | MOLEX INCORPORATED |                      | TITLE<br>(3.96)/.156 CENTERLINE CONNECTOR HOUSING FOR KK CRIMP TERMINALS |
| MATERIAL NO. SEE CHART<br>DOCUMENT NO. SD-41695   |                             | SHEET NO. 1 OF 4   |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                    |                      |  |

| 41695-N-AN-* |               |       |
|--------------|---------------|-------|
| PART NO.     | ENG. NO.      | VOIDS |
|              | NOT AVAILABLE |       |
| 09-50-8020   | 41695-N-A2    |       |
| 09-50-8030   | 41695-N-A3    |       |
| 09-50-8040   | 41695-N-A4    |       |
| 09-50-8050   | 41695-N-A5    |       |
| 09-50-8060   | 41695-N-A6    |       |
| 09-50-8070   | 41695-N-A7    |       |
| 09-50-8080   | 41695-N-A8    |       |
| 09-50-8090   | 41695-N-A9    |       |
| 09-50-8100   | 41695-N-A10   |       |
| 09-50-8110   | 41695-N-A11   |       |
| 09-50-8120   | 41695-N-A12   |       |
| 09-50-8130   | 41695-N-A13   |       |
| 09-50-8140   | 41695-N-A14   |       |
| 09-50-8150   | 41695-N-A15   |       |
| 09-50-8160   | 41695-N-A16   |       |
| 09-50-8170   | 41695-N-A17   |       |
| 09-50-8180   | 41695-N-A18   |       |
| 09-50-8190   | 41695-N-A19   |       |
| 09-50-8200   | 41695-N-A20   |       |
| 09-50-9085   | 41695-N-A8-2  | 2     |
| 41695-0001   | 41695-N-A6-3  | 3     |
| 41695-0002   | 41695-N-A5-4  | 4     |

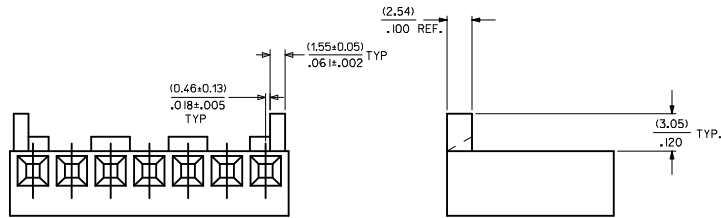
| 41695-N-BN-* |                |       |
|--------------|----------------|-------|
| PART NO.     | ENG. NO.       | VOIDS |
|              | NOT AVAILABLE  |       |
| 09-50-8021   | 41695-N-B2     |       |
| 09-50-8031   | 41695-N-B3     |       |
| 09-50-8041   | 41695-N-B4     |       |
| 09-50-8051   | 41695-N-B5     |       |
| 09-50-8061   | 41695-N-B6     |       |
| 09-50-8071   | 41695-N-B7     |       |
| 09-50-8081   | 41695-N-B8     |       |
| 09-50-8091   | 41695-N-B9     |       |
| 09-50-8101   | 41695-N-B10    |       |
| 09-50-8111   | 41695-N-B11    |       |
| 09-50-8121   | 41695-N-B12    |       |
| 09-50-8131   | 41695-N-B13    |       |
| 09-50-8141   | 41695-N-B14    |       |
| 09-50-8151   | 41695-N-B15    |       |
| 09-50-8161   | 41695-N-B16    |       |
| 09-50-8171   | 41695-N-B17    |       |
| 09-50-8181   | 41695-N-B18    |       |
| 09-50-8191   | 41695-N-B19    |       |
| 09-50-8201   | 41695-N-B20    |       |
| 09-50-9030   | 41695-N-B3-2   | 2     |
|              | 41695-N-B5-2   | 2     |
|              | 41695-N-B9-2   | 2     |
|              | 41695-N-B11-2  | 2     |
|              | 41695-N-B12-2  | 2     |
|              | 41695-N-B14-2  | 2     |
| 09-50-9150   | 41695-N-B15-14 | 14    |
| 09-50-9060   | 41695-N-B6-5   | 5     |
| 09-50-9070   | 41695-N-B7-6   | 6     |
| 09-50-9071   | 41695-N-B7-2   | 2     |
| 09-50-9040   | 41695-N-B4-3   | 3     |
| 09-50-9090   | 41695-N-B9-7   | 7     |
|              | 41695-N-B14-13 | 13    |
| 09-50-9136   | 41695-N-B13-5  | 5     |
| 09-50-9137   | 41695-N-B13-8  | 8     |
| 09-50-9050   | 41695-N-B5-51  | 2,4   |
| 09-50-9061   | 41695-N-B6-3   | 3     |
| 09-50-9080   | 41695-N-B8-2   | 2     |

| 41695-G-AN-* |             |       |
|--------------|-------------|-------|
| PART NO.     | ENG. NO.    | VOIDS |
| 41695-2032   | 41695-G-A02 |       |
| 41695-2033   | 41695-G-A03 |       |
| 41695-2034   | 41695-G-A04 |       |
| 41695-2035   | 41695-G-A05 |       |
| 41695-2036   | 41695-G-A06 |       |
| 41695-2037   | 41695-G-A07 |       |
| 41695-2038   | 41695-G-A08 |       |
| 41695-2039   | 41695-G-A09 |       |
| 41695-2040   | 41695-G-A10 |       |
| 41695-2041   | 41695-G-A11 |       |
| 41695-2042   | 41695-G-A12 |       |

| 41695-G-BN-* |             |       |
|--------------|-------------|-------|
| PART NO.     | ENG. NO.    | VOIDS |
| 41695-2000   | 41695-G-B02 |       |
| 41695-2005   | 41695-G-B03 |       |
| 41695-2002   | 41695-G-B04 |       |
| 41695-2006   | 41695-G-B05 |       |
| 41695-2007   | 41695-G-B06 |       |
| 41695-2008   | 41695-G-B07 |       |
| 41695-2009   | 41695-G-B08 |       |
| 41695-2010   | 41695-G-B09 |       |
| 41695-2011   | 41695-G-B10 |       |
| 41695-2012   | 41695-G-B11 |       |
| 41695-2013   | 41695-G-B12 |       |

### OPTION CODE D

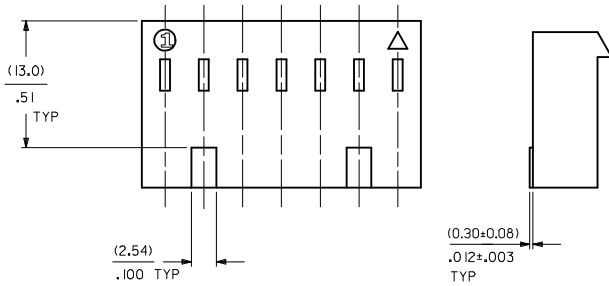
RAMP WITH POLARIZING PEGS (RIBS)



WHEN MATING WITH BREAKAWAY HEADERS THE FRICTION LOCK WALL MUST BE REMOVED

|   |  |  |  |  |   |
|---|--|--|--|--|---|
| <b>ADD 41695-0002</b><br>DEC NO. UICP2009-2480<br>DRAWN BY: WKK/PPER 2009/05/27<br>CHECKED BY: BELL 2009/05/26<br>APPR:FSM/TH 2009/05/26<br>REV 5 | QUALITY SYMBOLS<br>▽=0<br>▽=0                        | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES # --- ± ---<br>3 PLACES # --- ± ---<br>2 PLACES # --- ± ---<br>1 PLACE # --- ± ---<br>ANGULAR ±1/2° | DIMENSION STYLE<br>MM/IN<br>DRAWN BY: SAMIEC 09/22/86<br>CHECKED BY: DATE<br>PATEL 09/22/86<br>APPROVED BY: DATE<br>ENZ 09/22/86 | SCALE ---<br>DESIGN UNITS INCH<br>THIRD ANGLE PROJECTION | TITLE<br>(3.96)/.156 CENTERLINE CONNECTOR HOUSING FOR KK CRIMP TERMINAL   |
|   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. SEE CHART<br>SIZE D   | MOLEX INCORPORATED<br>MOLEX INCORPORATED   | DOCUMENT NO. SD-41695<br>SHEET NO. 2 OF 4                | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |

OPTION CODE E  
RAMP WITH RIBS FOR OVER MOLDING



| 41695-N-DN-* |               |       |
|--------------|---------------|-------|
| PART NO.     | ENG. NO.      | VOIDS |
|              | NOT AVAILABLE |       |
| 09-50-8023   | 41695-N-D2    |       |
| 09-50-8033   | 41695-N-D3    |       |
| 09-50-8043   | 41695-N-D4    |       |
| 09-50-8053   | 41695-N-D5    |       |
| 09-50-8063   | 41695-N-D6    |       |
| 09-50-8073   | 41695-N-D7    |       |
| 09-50-8083   | 41695-N-D8    |       |
| 09-50-8093   | 41695-N-D9    |       |
| 09-50-8103   | 41695-N-D10   |       |
| 09-50-8113   | 41695-N-D11   |       |
| 09-50-8123   | 41695-N-D12   |       |
| 09-50-8133   | 41695-N-D13   |       |
| 09-50-8143   | 41695-N-D14   |       |
| 09-50-8153   | 41695-N-D15   |       |
| 09-50-8163   | 41695-N-D16   |       |
| 09-50-8173   | 41695-N-D17   |       |
| 09-50-8183   | 41695-N-D18   |       |
| 09-50-8193   | 41695-N-D19   |       |
| 09-50-8203   | 41695-N-D20   |       |
| 09-50-9053   | 41695-N-D5-12 | 12    |
| 09-50-9094   | 41695-N-D9-3  | 3     |
| 09-50-9033   | 41695-N-D3-2  | 2     |
| 09-50-9043   | 41695-N-D4-2  | 2     |
| 09-50-9063   | 41695-N-D6-2  | 2     |
| 09-50-9073   | 41695-N-D7-2  | 2     |
| 09-50-9044   | 41695-N-D4-3  | 3     |

| 41695-N-EN-* |               |       |
|--------------|---------------|-------|
| PART NO.     | ENG. NO.      | VOIDS |
|              | NOT AVAILABLE |       |
| 09-50-8024   | 41695-N-E2    |       |
|              | 41695-N-E3    |       |
|              | 41695-N-E4    |       |
|              | 41695-N-E5    |       |
| 09-50-8064   | 41695-N-E6    |       |
|              | 41695-N-E7    |       |
|              | 41695-N-E8    |       |
|              | 41695-N-E9    |       |
|              | 41695-N-E10   |       |
|              | 41695-N-E11   |       |
|              | 41695-N-E12   |       |
|              | 41695-N-E13   |       |
|              | 41695-N-E14   |       |
|              | 41695-N-E15   |       |
|              | 41695-N-E16   |       |
|              | 41695-N-E17   |       |
|              | 41695-N-E18   |       |
|              | 41695-N-E19   |       |
|              | 41695-N-E20   |       |
| 09-50-9032   | 41695-N-E3-2  | 2     |
| 09-50-9042   | 41695-N-E4-2  | 2     |
| 09-50-9062   | 41695-N-E6-2  | 2     |
| 09-50-9072   | 41695-N-E7-2  | 2     |

| 41695-N-FN-*** |              |     |       |
|----------------|--------------|-----|-------|
| PART NO.       | ENG. NO.     | PEG | VOIDS |
| OBSOLETE       | 41695-N-F7-D | 4   |       |
| OBSOLETE       | 41695-N-F7-E | 5   |       |

| 41695-G-DN-* |             |       |
|--------------|-------------|-------|
| PART NO.     | ENG. NO.    | VOIDS |
| 41695-2001   | 41695-G-D02 |       |
| 41695-2004   | 41695-G-D03 |       |
| 41695-2021   | 41695-G-D04 |       |
| 41695-2022   | 41695-G-D05 |       |
| 41695-2023   | 41695-G-D06 |       |
| 41695-2024   | 41695-G-D07 |       |
| 41695-2025   | 41695-G-D08 |       |
| 41695-2026   | 41695-G-D09 |       |
| 41695-2027   | 41695-G-D10 |       |
| 41695-2028   | 41695-G-D11 |       |
| 41695-2029   | 41695-G-D12 |       |

| 41695-G-EN-* |             |       |
|--------------|-------------|-------|
| PART NO.     | ENG. NO.    | VOIDS |
| 41695-2043   | 41695-G-E02 |       |
| 41695-2044   | 41695-G-E03 |       |
| 41695-2045   | 41695-G-E04 |       |
| 41695-2046   | 41695-G-E05 |       |
| 41695-2047   | 41695-G-E06 |       |
| 41695-2048   | 41695-G-E07 |       |
| 41695-2049   | 41695-G-E08 |       |
| 41695-2050   | 41695-G-E09 |       |
| 41695-2051   | 41695-G-E10 |       |
| 41695-2052   | 41695-G-E11 |       |
| 41695-2053   | 41695-G-E12 |       |

| <b>SEE SHEET 1</b><br>IEC NO. UCF2010-0004<br>DRAWN BY: LIPPER<br>CHYKOSSEK<br>APPR:FSM/TH<br>2009/08/07<br>2009/08/10<br>2009/08/18<br>60 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0002</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .0002</td> </tr> <tr> <td>2 PLACES</td> <td>± .005</td> <td>± .0002</td> </tr> <tr> <td>1 PLACE</td> <td>± .005</td> <td>± .0002</td> </tr> </table> ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |         | mm | INCH | 4 PLACES | ± .005 | ± .0002 | 3 PLACES | ± .005 | ± .0002 | 2 PLACES | ± .005 | ± .0002 | 1 PLACE | ± .005 | ± .0002 | DIMENSION STYLE<br>MM/IN<br>DRAWN BY: SAMIEC<br>CHECKED BY: PATEL<br>APPROVED BY: LENZ<br>DATE: 09/01/87<br>DATE: 09/01/87<br>DATE: 09/01/87 | SCALE: ---<br>DESIGN UNITS: INCH<br>THIRD ANGLE PROJECTION | TITLE:<br>(3.96)/.156 CENTERLINE CONNECTOR HOUSING FOR KK CRIMP TERMINAL<br>MOLEX INCORPORATED<br>MATERIAL NO. SD-41695<br>DOCUMENT NO. SD-41695<br>SHEET NO. 3 OF 4 |
|--|-------------------------------|--|---------|----|------|----------|--------|---------|----------|--------|---------|----------|--------|---------|---------|--------|---------|--|--|--|
|  |                               | mm   | INCH    |    |      |          |        |         |          |        |         |          |        |         |         |        |         |  |  |  |
|  | 4 PLACES                      | ± .005   | ± .0002 |    |      |          |        |         |          |        |         |          |        |         |         |        |         |  |  |  |
|  | 3 PLACES                      | ± .005   | ± .0002 |    |      |          |        |         |          |        |         |          |        |         |         |        |         |  |  |  |
| 2 PLACES   | ± .005                        | ± .0002  |         |    |      |          |        |         |          |        |         |          |        |         |         |        |         |  |  |  |
| 1 PLACE  | ± .005                        | ± .0002  |         |    |      |          |        |         |          |        |         |          |        |         |         |        |         |  |  |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION              |                               |  |         |    |      |          |        |         |          |        |         |          |        |         |         |        |         |  |  |  |
| SIZE: D  |                               |  |         |    |      |          |        |         |          |        |         |          |        |         |         |        |         |  |  |  |
| DRAWING NO. SD-41695   |                               |  |         |    |      |          |        |         |          |        |         |          |        |         |         |        |         |  |  |  |