



| NO. OF CKT'S. | DIM. A | DIM. B | NO. OF PEGS |
|---------------|------------------------|---------------|-------------|
| 2 | (3.96±.05) .156±.002 | (7.77) .306 | 1 |
| 3 | (7.92±.08) .312±.003 | (11.73) .462 | 2 |
| 4 | (11.89±.08) .468±.003 | (15.70) .618 | 2 |
| 5 | (15.85±.10) .624±.004 | (19.66) .774 | 2 |
| 6 | (19.81±.10) .780±.004 | (23.62) .930 | 2 |
| 7 | (23.77±.10) .936±.004 | (27.58) 1.086 | 2 |
| 8 | (27.74±.13) 1.092±.005 | (31.55) 1.242 | 2 |
| 9 | (31.70±.13) 1.248±.005 | (35.5) 1.398 | 2 |
| 10 | (35.66±.13) 1.404±.005 | (39.47) 1.554 | 2 |
| 11 | (39.62±.15) 1.560±.006 | (43.43) 1.710 | 2 |
| 12 | (43.59±.15) 1.716±.006 | (47.40) 1.866 | 2 |
| 13 | (47.55±.15) 1.872±.006 | (51.36) 2.022 | 2 |
| 14 | (51.51±.18) 2.028±.007 | (55.32) 2.178 | 2 |
| 15 | (55.47±.18) 2.184±.007 | (59.28) 2.334 | 2 |
| 16 | (59.44±.18) 2.340±.007 | (63.25) 2.490 | 2 |
| 17 | (63.40±.20) 2.496±.008 | (67.2) 2.646 | 2 |
| 18 | (67.36±.20) 2.652±.008 | (71.17) 2.802 | 2 |

| | | |
|------|-----|------|
| A | 4 | A |
| A | 3 | A |
| A1 | 2 | A1 |
| A1 | 1 | A1 |
| MFG. | SH. | REV. |

NOTES:

- PRECEDING ENG. NO. IN CHART DESIGNATES STANDARD PRODUCT.
- SOLDERABILITY: WHEN PARTS ARE SOLDERED AT A TEMPERATURE OF 230°C (446°F) FOR 5 SECONDS, EACH SOLDERED SURFACE SHALL BE A MINIMUM OF 95% COVERED WITH A SMOOTH CONTINUOUS ADHERENT COATING. FOR OTHER INFORMATION SEE ES-152.
- PIN PUSH OUT FORCE: PRIOR TO SOLDERING, A 3 POUND MINIMUM FORCE (IN EITHER DIRECTION) SHALL BE REQUIRED TO PUSH THE PIN OUT OF THE HEADER.
- FOR ADDITIONAL INFORMATION AND TESTING PROCEDURES SEE PS-08-50.
- PARTS ARE STACKABLE END TO END ON (3.96)/.156 CENTERS.
- FOR PART WITHOUT PEGS SEE DWG. NO. SDA-41761

MATERIAL: HEADER: GLASS FILLED POLYESTER, 94V-0, MOLDED NATURAL (WHITE).
PIN: BRASS

PLATINGS:
(102) ELECTRO TIN .000450/.000200 OVER .000200/.000100 COPPER
(501) GOLD .000030/.000020 OVER .000080/.000030 NICKEL
(503) GOLD .000040/.000030 OVER .000100/.000050 NICKEL
FOR ADDITIONAL INFORMATION SEE SDES-88.

| | | | |
|--|---|--|---|
| REL -0002/-0035 PER ECR U31811 12-21-93 LP | DIMENSIONS SHOWN METRIC () INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR 1°/0° | ▽ = 0 ▼ = 0 | REVISE ONLY ON CAD SYSTEM |
| A1 | A/R -0036/0052 PER ECR U2-0441 3-18-92 JUS | 3 PLACE ± | TITLE: FRICTION LOCK HEADER ASS'Y .156 @ STR RD PINS, W/ PEGS 42861 SERIES DWG |
| A | X RELEASED ECR U10264 1-14-91 SAMIEC | 2 PLACE ± | MOLEX INCORPORATED SHEET NO. DATE U.S.A. 1 OF 4 01/13/91 |
| I | | 1 PLACE ± | SEE CHART SDA-42861 |
| LTR. | REVISIONS | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DRWG. NO. SDA-42861 |
| LTR. | REVISIONS | DRWG. BY: SAMIEC | FILE NAME: S42861.X |
| | | APP'D. BY: LENZ | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. DIV. SIZE KK C |

| | | | | | | | | | | | | | | | | | | | |
|---|-------------------|-----------------|--------------|-----------------|-----------------|----------------|--------------|-------------|-------------|---|----------|---|--------------|---------------------------|------------|--------------|----------|------------|--|
| | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 42861 | 4 | 3 | 2 | 1 | | | | | | |
| J | ENG. NO. | HEADER NO. | PIN NO. | DIM. L | DIM. X | DIM. Z | NO OF CKTS | VOID CKTS | PACKAGING | EDPS NO ON COL | | | | J | | | | | |
| | A-42861-0002/0018 | 41760-0036/0052 | 2173-28(102) | .720 (18.29) | .450 (11.43) | .140 (3.56) | 2-18 | NONE | BULK | 1 | | | | J | | | | | |
| | A-42861-0019/0035 | 41760-0036/0052 | 2173-28(501) | .720 (18.29) | .450 (11.43) | .140 (3.56) | 2-18 | NONE | BULK | 2 | | | | J | | | | | |
| I | A- - | - | - | () | () | () | | | | | | | | I | | | | | |
| | A- - | - | - | () | () | () | | | | | | | | I | | | | | |
| | A- - | - | - | () | () | () | | | | | | | | I | | | | | |
| | A- - | - | - | () | () | () | | | | | | | | I | | | | | |
| H | | | | | | | | | | | | | | H | | | | | |
| G | | | | | | | | | | | | | | G | | | | | |
| F | | | | | | | | | | | | | | F | | | | | |
| E | | | | | | | | | | | | | | E | | | | | |
| | COLUMN NO. 1 | | | COLUMN NO. 2 | | | COLUMN NO. 3 | | | COLUMN NO. 4 | | | COLUMN NO. 5 | | | COLUMN NO. 6 | | | |
| | EDP NO. | ENG. NO. | NO OF CKTS | EDP NO. | ENG. NO. | NO OF CKTS | EDP NO. | ENG. NO. | NO OF CKTS | EDP NO. | ENG. NO. | NO OF CKTS | EDP NO. | ENG. NO. | NO OF CKTS | EDP NO. | ENG. NO. | NO OF CKTS | |
| D | 26-60-8021 | A-42861-0002 | 2 | 26-60-8022 | A-42861-0019 | 2 | | | | 2 | | | 2 | | | 2 | | | |
| | 26-60-8031 | A-42861-0003 | 3 | 26-60-8032 | A-42861-0020 | 3 | | | | 3 | | | 3 | | | 3 | | | |
| | 26-60-8041 | A-42861-0004 | 4 | 26-60-8042 | A-42861-0021 | 4 | | | | 4 | | | 4 | | | 4 | | | |
| | 26-60-8051 | A-42861-0005 | 5 | 26-60-8052 | A-42861-0022 | 5 | | | | 5 | | | 5 | | | 5 | | | |
| | 26-60-8061 | A-42861-0006 | 6 | 26-60-8062 | A-42861-0023 | 6 | | | | 6 | | | 6 | | | 6 | | | |
| | 26-60-8071 | A-42861-0007 | 7 | 26-60-8072 | A-42861-0024 | 7 | | | | 7 | | | 7 | | | 7 | | | |
| | 26-60-8081 | A-42861-0008 | 8 | 26-60-8082 | A-42861-0025 | 8 | | | | 8 | | | 8 | | | 8 | | | |
| | 26-60-8091 | A-42861-0009 | 9 | 26-60-8092 | A-42861-0026 | 9 | | | | 9 | | | 9 | | | 9 | | | |
| C | 26-60-8101 | A-42861-0010 | 10 | 26-60-8102 | A-42861-0027 | 10 | | | | 10 | | | 10 | | | 10 | | | |
| | 26-60-8111 | A-42861-0011 | 11 | 26-60-8112 | A-42861-0028 | 11 | | | | 11 | | | 11 | | | 11 | | | |
| | 26-60-8121 | A-42861-0012 | 12 | 26-60-8122 | A-42861-0029 | 12 | | | | 12 | | | 12 | | | 12 | | | |
| | 26-60-8131 | A-42861-0013 | 13 | 26-60-8132 | A-42861-0030 | 13 | | | | 13 | | | 13 | | | 13 | | | |
| | 26-60-8141 | A-42861-0014 | 14 | 26-60-8142 | A-42861-0031 | 14 | | | | 14 | | | 14 | | | 14 | | | |
| | 26-60-8151 | A-42861-0015 | 15 | 26-60-8152 | A-42861-0032 | 15 | | | | 15 | | | 15 | | | 15 | | | |
| | 26-60-8161 | A-42861-0016 | 16 | 26-60-8162 | A-42861-0033 | 16 | | | | 16 | | | 16 | | | 16 | | | |
| B | 26-60-8171 | A-42861-0017 | 17 | 26-60-8172 | A-42861-0034 | 17 | | | | 17 | | | 17 | | | 17 | | | |
| | 26-60-8181 | A-42861-0018 | 18 | 26-60-8182 | A-42861-0035 | 18 | | | | 18 | | | 18 | | | 18 | | | |
| A | | | | | | | | SEE SHEET I | SEE SHEET I | DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 1/2° | | ▽ = 0 | ▽ = 0 | REVISE ONLY ON CAD SYSTEM | | | | | |
| | | | | | | | | SEE SHEET I | SEE SHEET I | INCH METRIC | | TITLE FRICTION LOCK HEADER ASSY .156@ STR RD PINS W/PEGS 42861 SERIES DWG | | | | | | | |
| | | | | | | | | SEE SHEET I | SEE SHEET I | 3 PLACE ± | | MOLEX INCORPORATED SHEET NO. 2 DATE 01/14/91 | | | | | | | |
| | | | | | | | | SEE SHEET I | SEE SHEET I | 2 PLACE ± | | PART NO. SEE CHART DRWG. NO. SDA-42861 | | | | | | | |
| | | | | | | | | SEE SHEET I | SEE SHEET I | 1 PLACE ± | | FILE NAME: S42861X2 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | |
| | | | | | | | | SEE SHEET I | SEE SHEET I | DRAWN BY: SAMIEC | | DW'D BY: PATEL | | SCALE: : | | DWT: C | | SIZE: C | |
| | | | | | | | | LTR. | REVISIONS | LTR. | | REVISIONS | | | | | | | |
| | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | | | | |