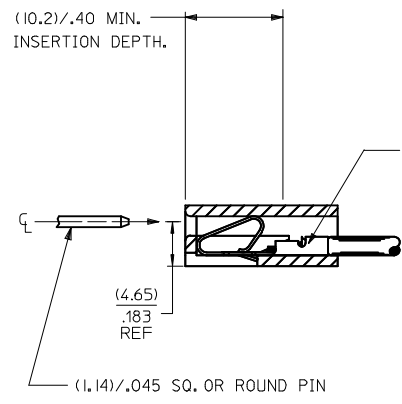
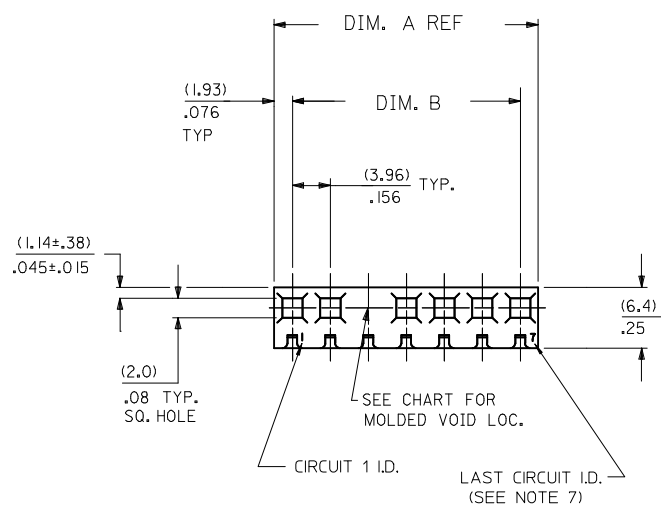


20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



| DIM. A | DIM. B | NO. OF CKTS |
|---------|-------------|-------------|
| (7.82) | (3.96±.13) | 2 |
| .308 | .156±.005 | |
| (11.79) | (7.92±.13) | 3 |
| .464 | .312±.005 | |
| (15.75) | (11.89±.13) | 4 |
| .620 | .468±.005 | |
| (19.71) | (15.85±.13) | 5 |
| .776 | .624±.005 | |
| (23.67) | (19.81±.13) | 6 |
| .932 | .780±.005 | |
| (27.64) | (23.77±.13) | 7 |
| 1.088 | .936±.005 | |
| (31.60) | (27.74±.25) | 8 |
| 1.244 | 1.092±.010 | |
| (35.56) | (31.70±.25) | 9 |
| 1.400 | 1.248±.010 | |
| (39.52) | (35.66±.25) | 10 |
| 1.556 | 1.404±.010 | |
| (43.48) | (39.62±.25) | 11 |
| 1.712 | 1.560±.010 | |
| (47.45) | (43.59±.25) | 12 |
| 1.868 | 1.716±.010 | |
| (51.41) | (47.55±.31) | 13 |
| 2.024 | 1.872±.012 | |
| (55.37) | (51.51±.36) | 14 |
| 2.180 | 2.028±.014 | |
| (59.33) | (55.47±.36) | 15 |
| 2.336 | 2.184±.014 | |
| (63.30) | (59.44±.36) | 16 |
| 2.492 | 2.340±.014 | |
| (67.26) | (63.40±.36) | 17 |
| 2.648 | 2.496±.014 | |
| (71.22) | (67.36±.36) | 18 |
| 2.804 | 2.652±.014 | |
| (75.18) | (71.32±.36) | 19 |
| 2.960 | 2.808±.014 | |
| (79.15) | (75.29±.36) | 20 |
| 3.116 | 2.964±.014 | |
| (83.11) | (79.25±.46) | 21 |
| 3.272 | 3.120±.018 | |
| (87.07) | (83.21±.46) | 22 |
| 3.428 | 3.276±.018 | |
| (91.03) | (87.17±.46) | 23 |
| 3.584 | 3.432±.018 | |
| (95.00) | (91.14±.46) | 24 |
| 3.740 | 3.588±.018 | |

OPTION CODE

| OPT. CODE | RAMP | PACKAGING |
|-----------|-----------|-------------|
| A | STD. RAMP | PK-2139-001 |
| C | NONE | |

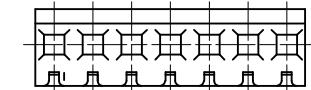
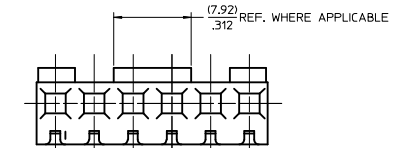
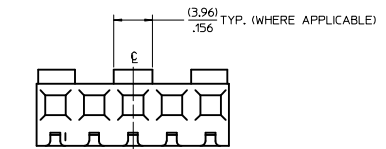
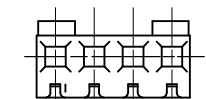
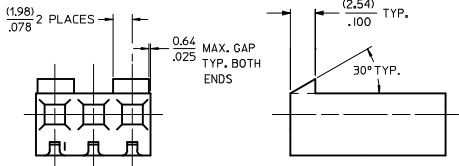
NO. OF CKT'S. 2139-N* - **

VOID CODE NO. CORRESPONDS TO CKT. NO. VOIDED. MULT. VOIDS START WITH 51.

- NOTES:
1. MATERIAL: NYLON, UL94V-2, COLOR: NATURAL
 2. FINISH: N/A
 3. PARTS CONFORM TO PRODUCT SPECIFICATION PS-08-50.
 4. PACKAGING INFORMATION: SEE LEGEND
 5. THIS HOUSING FOR USE WITH TERMINAL NO. 2478 (18 TO 24 GA) & 2578 (22 TO 26 GA). WITH (2.54) .100 MAX. INSULATION DIA., HOUSING 41695 IS RECOMMENDED FOR OVER (2.54) .100 DIA. INSULATION.
 6. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.
 7. LAST CIRCUIT NUMBER NOT PRESENT ON 2-5 CIRCUIT HOUSINGS AND MAY OR MAY NOT BE PRESENT ON 6 CIRCUIT HOUSINGS AND LARGER.
 8. MAX BOW .005 MM/MM OR .005 IN/IN
 9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

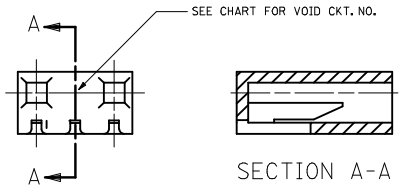
| | | | | | | |
|--|--|---------------------------------------|---|---|--------------|------------------------|
| REVISE NOTE 7 EC NO. UCP2015-4588 DESIGNED BY: 2015/05/04 DRAWN BY: 2015/05/04 CHECKED BY: 2015/05/04 APPROVED BY: 2015/05/04 APPR: SMITH | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | ▽=0 | mm INCH | MM/IN | 4:1 | INCH | |
| | ▽=0 | 4 PLACES ± --- ± --- | DRAWN BY DATE | TITLE | | |
| | ▽=0 | 3 PLACES ± --- ± .010 | SAMIEC 1986/01/17 | CONNECTOR HOUSING .156 CL CRIMP TERMINAL 2139 SERIES DWG. | | |
| | 2 PLACES ± 0.25 ± .014 | CHECKED BY DATE | molex | | | |
| | 1 PLACE ± 0.36 ± --- | PATEL 1986/01/17 | SD-2139 | | | |
| | 0 PLACE ± ± | APPROVED BY DATE | DOCUMENT NO. SHEET NO. | | | |
| | ANGULAR ±1/2° | LENZ 1986/01/07 | 1 OF 2 | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |
| | | SIZE | | | | |

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



STD. RAMP OPTION
SEE CHART FOR RAMP LOCATIONS.

| NO. OF CKT'S. | STANDARD RAMP IS LOCATED ON € OF CKT. NOS. |
|---------------|--|
| 2 | ACROSS ENTIRE PART |
| 3 | 1,3 |
| 4 | 1,4 |
| 5 | 1,3,5 |
| 6 | 1,3,4,6 |
| 7 | ACROSS ENTIRE PART |
| 8 | 1,3,6,8 |
| 9 | ACROSS ENTIRE PART |
| 10 | 1,3,5,6,8,10 |
| 11 | ACROSS ENTIRE PART |
| 12 | 1,3,5,8,10,12 |
| 13 | 1,3,5,7,9,11,13 |
| 14 | 1,3,5,7,8,10,12,14 |
| 15 | 1,3,5,7,9,11,13,15 |
| 16 | 1,3,5,7,10,12,14,16 |
| 17 | 1,3,5,7,9,11,13,15,17 |
| 18 | 1,3,5,7,9,10,12,14,16,18 |
| 19 | 1,3,5,7,9,11,13,15,17,19 |
| 20 | 1,3,5,7,9,12,14,16,18,20 |
| 21 | 1,3,5,7,9,11,13,15,17,19,21 |
| 22 | 1,3,5,7,9,11,12,14,16,18,20,22 |
| 23 | 1,3,5,7,9,11,13,15,17,19,21,23 |
| 24 | 1,3,5,7,9,11,14,16,18,20,22,24 |



MOLDED VOID OPTION



ALTERNATE ENGRAVING LOCATION

| 2139-NA-- | | | 2139-NC-- | | |
|------------|-------------|--------|--------------|-------------|--------|
| ORDER NO. | ENG. NO. | VOIDS | ORDER NO. | ENG. NO. | VOIDS |
| 09-50-3021 | 2139-2A | | 09-50-7021 | 2139-2C | |
| 09-50-3031 | 2139-3A | | 09-50-7031 | 2139-3C | |
| 09-50-3041 | 2139-4A | | 09-50-7041 | 2139-4C | |
| 09-50-3051 | 2139-5A | | 09-50-7051 | 2139-5C | |
| 09-50-3061 | 2139-6A | | 09-50-7061 | 2139-6C | |
| 09-50-3071 | 2139-7A | | 09-50-7071 | 2139-7C | |
| 09-50-3081 | 2139-8A | | 09-50-7081 | 2139-8C | |
| 09-50-3091 | 2139-9A | | 09-50-7091 | 2139-9C | |
| 09-50-3101 | 2139-10A | | 09-50-7101 | 2139-10C | |
| 09-50-3111 | 2139-11A | | 09-50-7111 | 2139-11C | |
| 09-50-3121 | 2139-12A | | 09-50-7121 | 2139-12C | |
| 09-50-3131 | 2139-13A | | 09-50-7131 | 2139-13C | |
| 09-50-3141 | 2139-14A | | 09-50-7141 | 2139-14C | |
| 09-50-3151 | 2139-15A | | 09-50-7151 | 2139-15C | |
| 09-50-3161 | 2139-16A | | 09-50-7161 | 2139-16C | |
| 09-50-3171 | 2139-17A | | 09-50-7171 | 2139-17C | |
| 09-50-3181 | 2139-18A | | 09-50-7181 | 2139-18C | |
| 09-50-3191 | 2139-19A | | 09-50-7191 | 2139-19C | |
| 09-50-3201 | 2139-20A | | 09-50-7201 | 2139-20C | |
| 09-50-3211 | 2139-21A | | 09-50-7211 | 2139-21C | |
| 09-50-3221 | 2139-22A | | 09-50-7221 | 2139-22C | |
| 09-50-3231 | 2139-23A | | 09-50-7231 | 2139-23C | |
| 09-50-3241 | 2139-24A | | 09-50-7241 | 2139-24C | |
| 09-50-3036 | 2139-3A-2 | 2 | 09-50-7117 | 2139-11C-51 | 2,7,10 |
| | 2139-10A-2 | 2 | 09-50-7166 | 2139-16C-2 | 2 |
| | 2139-10A-51 | 2,5 | 09-50-7106 | 2139-10C-2 | 2 |
| | 2139-7A-2 | 2 | 09-50-7107 | 2139-10C-51 | 2,5 |
| | 2139-11A-51 | 2,7,10 | 09-50-7076 | 2139-7C-2 | 2 |
| 09-50-3163 | 2139-16A-2 | 2 | | 2139-4C-3 | 3 |
| 09-50-3073 | 2139-10A-7 | 7 | T 09-50-7108 | 2139-10C-4 | 4 |
| 09-50-3083 | 2139-10A-8 | 8 | T 09-50-7109 | 2139-10C-5 | 5 |
| 09-50-3104 | 2139-10A-9 | 9 | | 2139-5C-2 | 2 |
| 09-50-3162 | 2139-16A-51 | 2,15 | 09-50-3077 | 2139-7C-3 | 3 |
| 09-50-3092 | 2139-9A-51 | 2,6 | 09-50-3078 | 2139-7C-5 | 5 |
| 09-50-3075 | 2139-7A-51 | 1,7 | 09-50-7142 | 2139-14C-5 | 5 |
| | 2139-7A-6 | 6 | | | |
| | 2139-5A-51 | 2,4 | | | |
| 09-50-3047 | 2139-4A-3 | 3 | | | |
| | 2139-11A-2 | 2 | | | |
| 09-50-3052 | 2139-5A-4 | 4 | | | |
| 09-50-3076 | 2139-7A-52 | 4,7 | | | |
| 09-50-3125 | 2139-12A-5 | 5 | | | |
| | 2139-7A-3 | 3 | | | |
| | 2139-7A-5 | 5 | | | |
| 09-50-3053 | 2139-5A-2 | 2 | | | |
| | 2139-9A-2 | 2 | | | |
| 09-50-3127 | 2139-12A-2 | 2 | | | |
| 09-50-3143 | 2139-14A-2 | 2 | | | |
| 09-50-3202 | 2139-20A-2 | 2 | | | |
| | 2139-9A-4 | 4 | | | |
| 09-50-3126 | 2139-12A-11 | 11 | | | |
| 09-50-3142 | 2139-14A-13 | 13 | | | |
| 09-50-3084 | 2139-8A-4 | 4 | | | |
| 09-50-3037 | 2139-3A-3 | 3 | | | |
| 09-50-3182 | 2139-18A-2 | 2 | | | |
| 09-50-3157 | 2139-15A-2 | 2 | | | |

| | | | | | | | |
|--|--|--|-----------------|-------|--------------|---|--|
| SEE SHEET 1 SEC NO: UCP2015-4588 DRAWN BY: CHYDANGUEN 2015/05/04 CHECKED BY: APPR:FSM TH 2015/05/13 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
| | ∇=0 ∇=0 ∇=0 | mm ± --- INCH ± --- 4 PLACES ± --- ± .10 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.36 ± --- 0 PLACE ± ± | MM/IN | 4:1 | INCH | DRAWN BY: SAMIEC DATE: 1986/01/17 CHECKED BY: PATEL DATE: 1986/01/17 APPROVED BY: LENZ DATE: 1986/01/17 | CONNECTOR HOUSING FOR CRIMP TERMINAL 2139 SERIES DWG. molex MATERIAL NO. SEE CHART DOCUMENT NO. SD-2139 |
| | ANGULAR ±1/2° 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 | | | | SHEET NO. 2 OF 2 | |

Mouser Electronics

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