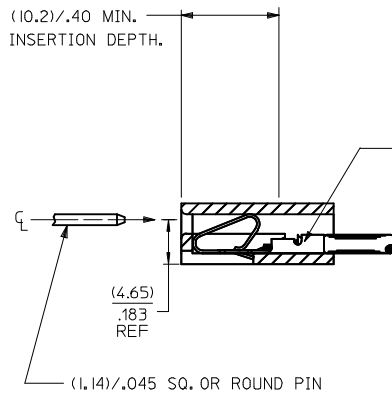
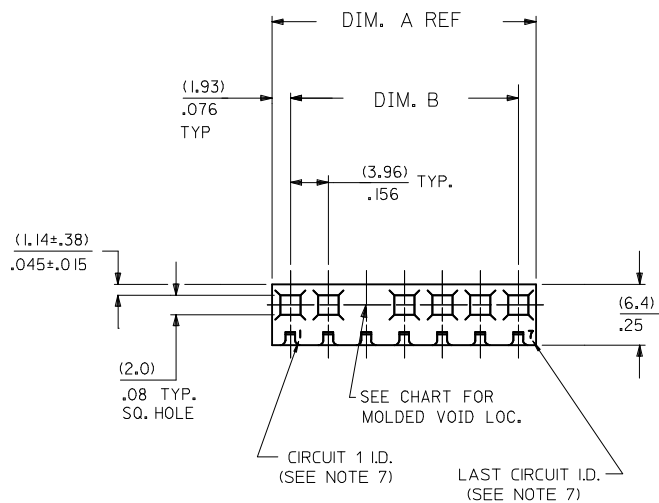




OPTION CODE

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

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

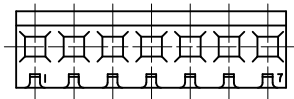
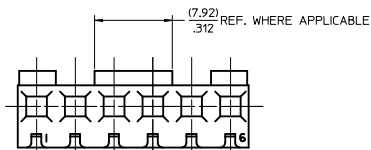
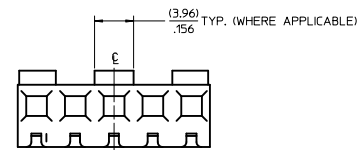
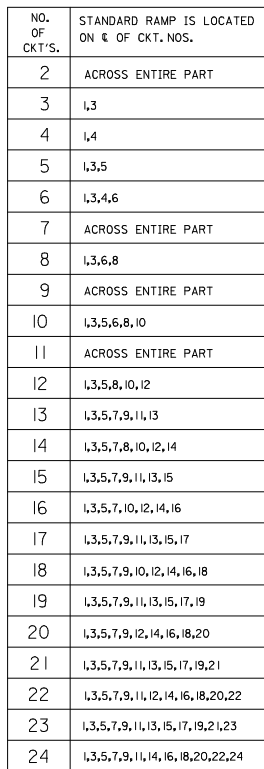
VOID CODE  
NO. CORRESPONDS TO  
CKT. NO. VOIDED.  
MULT. VOIDS START WITH 51.

#### NOTES:

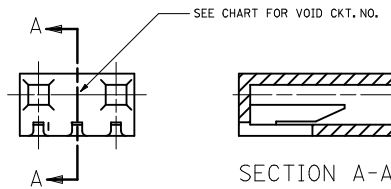
1. MATERIAL: NYLON, UL94V-2, COLOR: NATURAL
2. FINISH: N/A
3. PARTS CONFORM TO PRODUCT SPECIFICATION PS-08-50.
4. PACKAGING INFORMATION: SEE LEGEND
5. THIS HOUSING FOR USE WITH TERMINAL NO. 2478 (18 TO 24 GA) & 2578 (22 TO 26 GA). WITH (2.54)±.100 MAX. INSULATION DIA., HOUSING 41695 IS RECOMMENDED FOR OVER (2.54)±.100 DIA. INSULATION.
6. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.
7. FIRST CKT. NO. ON 2 THRU 5 CKT. HOUSINGS, FIRST AND LAST CKT. NO. ON 6 CKT HOUSING 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.

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

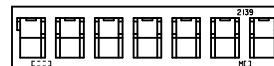
|                                                                                                                         |                                      |                                                                                                                                                                    |  |                                                                                                                                                 |  |                         |                      |                        |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------|----------------------|------------------------|
| ADD 4.65 REF<br>EC NO. UCP2014-0106<br>DRAWN BY: 2013/08/06<br>CHECKED BY: 2013/08/06<br>APPROVED BY: 2013/08/06<br>AGT | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .010<br>2 PLACES ± 0.25 ± .014<br>1 PLACE ± 0.36 ± ---<br>0 PLACE ± ± |  | DIMENSION STYLE<br>MM/IN<br>DRAWN BY: DATE<br>SAMIEC 1986/01/17<br>CHECKED BY: DATE<br>PATEL 1986/01/17<br>APPROVED BY: DATE<br>LENZ 1986/01/07 |  | SCALE<br>4:1            | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION |
|                                                                                                                         |                                      | ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS                                                                                           |  | MATERIAL NO.<br>SEE CHART                                                                                                                       |  | DOCUMENT NO.<br>SD-2139 | SHEET NO.<br>1 OF 2  |                        |
|                                                                                                                         |                                      | CONNECTOR HOUSING<br>.156 CL CRIMP TERMINAL<br>2139 SERIES DWG.<br><b>molex</b>                                                                                    |  |                                                                                                                                                 |  |                         |                      |                        |
|                                                                                                                         |                                      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION                                      |  |                                                                                                                                                 |  |                         |                      |                        |



STD. RAMP OPTION  
SEE CHART FOR RAMP LOCATIONS.



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      |   |            |             |        |  |
| S          | 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      |   |            |             |        |  |
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|------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------|----------------|-----------------|------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------------|--|--|--|
| RAMP DIMENSIONS<br>EC NO.: 2002-01374<br>DRAWING PER 2011/07/27<br>CHECKED BY CHIKO ANDERSON<br>APPROVED BY 2011/10/07<br>AF | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |                | DIMENSION STYLE |            | SCALE                                                                                                                         | DESIGN UNITS                                                | THIRD ANGLE PROJECTION |  |  |  |
|                                                                                                                              |                 | mm                                                         | INCH           | MM/IN           |            | 4:1                                                                                                                           | INCH                                                        |                        |  |  |  |
|                                                                                                                              | ▽=0             | 4 PLACES ± .005                                            | 1 PLACE ± .005 | DRAWN BY        | DATE       | TITLE                                                                                                                         | CONNECTOR HOUSING<br>FOR CRIMP TERMINAL<br>2139 SERIES DWG. |                        |  |  |  |
|                                                                                                                              | ▽=0             | 3 PLACES ± .010                                            | 1 PLACE ± .010 | CHECKED BY      | DATE       |                                                                                                                               |                                                             |                        |  |  |  |
|                                                                                                                              | ▽=0             | 2 PLACES ± .014                                            | 1 PLACE ± .014 | PATEL           | 1986/01/17 |                                                                                                                               | MOLEX INCORPORATED                                          |                        |  |  |  |
|                                                                                                                              | ▽=0             | 1 PLACE ± .036                                             | 1 PLACE ± .036 | APPROVED BY     | DATE       |                                                                                                                               |                                                             |                        |  |  |  |
|                                                                                                                              |                 | ANGULAR ± 1/2°                                             |                | LENZ            | 1986/01/17 |                                                                                                                               |                                                             |                        |  |  |  |
|                                                                                                                              |                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                | MATERIAL NO.    |            | DOCUMENT NO.                                                                                                                  |                                                             | SHEET NO.              |  |  |  |
|                                                                                                                              |                 |                                                            |                | SEE CHART       |            | SD-2139                                                                                                                       |                                                             | 2 OF 2                 |  |  |  |
|                                                                                                                              |                 |                                                            |                | SIZE D          |            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                             |                        |  |  |  |