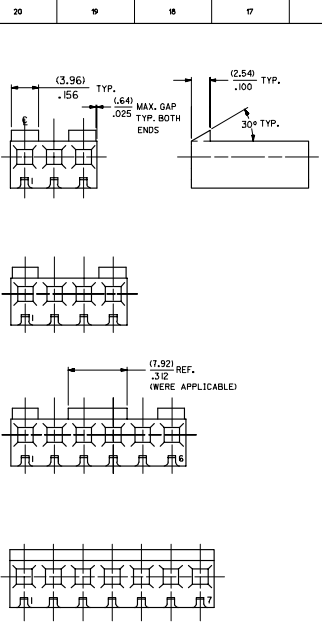


| DIM. A | DIM. B | NO. OF |
|---------|-------------|--------|
| (7.82) | (3.96+.13) | 2 |
| .308 | .156+.005 | |
| (11.79) | (7.92+.15) | 3 |
| .464 | .312+.005 | |
| (15.75) | (11.89+.13) | 4 |
| .620 | .468+.005 | |
| (19.71) | (15.85+.13) | 5 |
| .776 | .624+.005 | |
| (23.67) | (19.81+.13) | 6 |
| .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 | |

| OPT. CODE | RAMP | POL. RIB | EARS | MATERIAL | ENGRAVING | PACKAGING |
|-----------|-----------|----------|------|---------------|-----------|---------------|
| A | STD. RAMP | NO | NO | NYLON 94V-2 | STD. | PK-2139-001 |
| C | NONE | NO | NO | NYLON 94V-2 | STD. | PK-2139-002 |
| G | WIDE RAMP | NO | NO | NYLON 94V-2 | STD. | PK-2139-001 |
| M | STD. RAMP | NO | NO | NYLON 6 94V-2 | STD. | TBO-INDIA |
| N | NONE | NO | NO | NYLON 6 94V-2 | STD. | TBO-INDIA |
| P | STD. RAMP | YES | NO | NYLON 94V-2 | STD. | TBO SINGAPORE |

- NOTES:
1. MATERIAL: SEE LEGEND.
 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 WITH HALF THE TOTAL TOLERANCE.
 7. FIRST CKT. NO. ON 1 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. 2139-NP- is MANUFACTURED IN SINGAPORE ONLY.

| | | | | |
|---|---|---|--|--|
| UPDATE REE ECN ECN NO. LEP2004-051 APPROVED APPROVED DATE APPROVED BY | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION STYLE: MM/IN SCALE: --- DESIGN UNITS: INCH THIRD ANGLE PROJECTION | DRAWN BY: SAM IEC DATE: 1986/01/17 CHECKED BY: PATEL DATE: 1986/01/17 APPROVED BY: LENZ DATE: 1986/01/10 MATERIAL NO.: DOCUMENT NO.: SD-2139 SHEET NO.: 1 OF 4 | TITLE: CONNECTOR HOUSING .156 CL CRIMP TERMINAL 2139 SERIES DWG. MOLEX INCORPORATED |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS SIZE: THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |



| 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 | 1,3,5,10,12 |
| 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 |

STD. RAMP OPTION
 , SEE CHART FOR RAMP LOCATIONS.

| 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 | 09-50-7016 | 2139-7C-2 | 2 |
| 09-50-3163 | 2139-16A-2 | 2 | | 2139-4C-3 | 3 |
| 09-50-3073 | 2139-10A-7 | 7 | 09-50-7108 | 2139-10C-4 | 4 |
| 09-50-3083 | 2139-10A-8 | 8 | 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-5 | 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-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 | | | |

| | | | | | | | |
|--|--|---|---|-------|--------------|------------------------|--|
| UPDATE TITLE BLOCK IEC NO. IEP2004-0-51 DRAWN BY: CHRODOR CHECKED BY: CHRODOR APPROVED BY: CHRODOR DATE: 2005/12/09 DATE: 2005/12/12 DATE: 2005/12/14 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DMENSON STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
| | 4 PLACES ± --- ± --- 3 PLACES ± --- ± 010 2 PLACES ± 0.25 ± 012 1 PLACE ± 0.36 ± --- ANGULAR ±1/2° | mm INCH mm INCH mm INCH mm INCH mm INCH | DRAWN BY: DAM IEC CHECKED BY: PATEL APPROVED BY: LENZ DATE: 1986/01/17 DATE: 1986/01/17 DATE: 1986/01/17 | MM/IN | --- | INCH | THIRD ANGLE PROJECTION CONECTOR HOUSING FOR CRIMP TERMINAL 2139 SERIES DWG. MOLEX INCORPORATED DOCUMENT NO. SD-2139 SHEET NO. 2 OF 4 |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE CHART | MATERIAL NO. DATE: 1986/01/17 | | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |
| | | | | | | | |