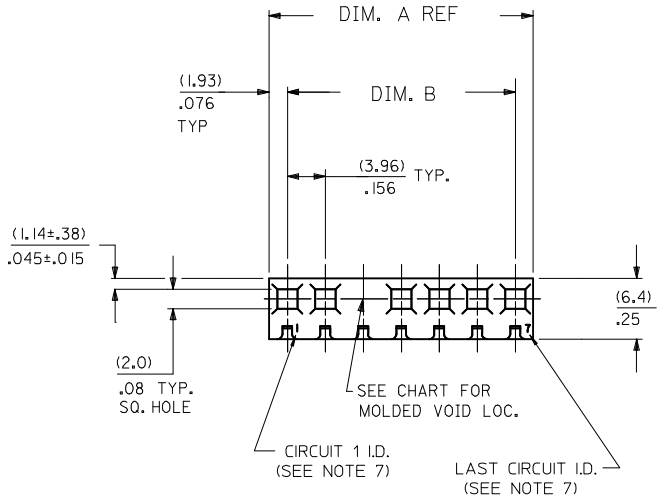
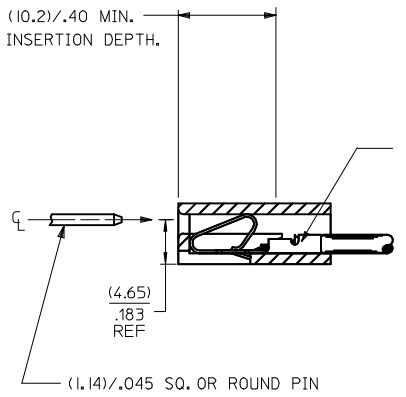
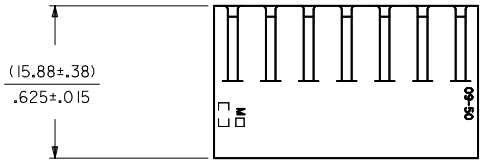






2139-N ✱ – ✱ ✱

NO. OF CKT'S.

OPTION CODE

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

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

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

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.

REV	DESCRIPTION	DRWN/CHK/APPR
AG1	ADD 4.65 REF EC NO: UCP2014-0496	2013/08/06 JPER / 2013/08/06 BELL / 2013/08/06 SMITH

QUALITY SYMBOLS: ▽=0 ▽=0 ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.36	± ---
0 PLACE	±	±

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN | SCALE: 4:1 | DESIGN UNITS: INCH | THIRD ANGLE PROJECTION

	DRAWN BY	DATE
	SAMIEC	1986/01/17
	CHECKED BY	DATE
	PATEL	1986/01/17
	APPROVED BY	DATE
	LENZ	1986/01/07

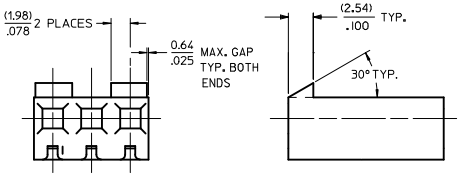
TITLE: CONNECTOR HOUSING .156 CL CRIMP TERMINAL 2139 SERIES DWG.

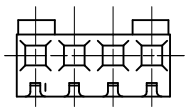
MATERIAL NO.: SEE CHART | DOCUMENT NO.: SD-2139 | SHEET NO.: 1 OF 2

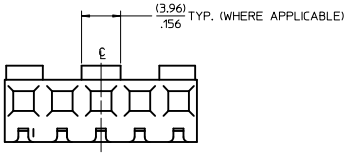
SIZE: D

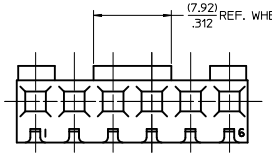
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

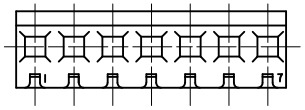
MFG.	SH.	REV.
	2	AF
	1	AG1







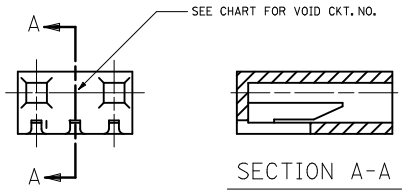




STD. RAMP OPTION

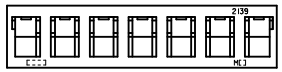
SEE CHART FOR RAMP LOCATIONS.

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



SECTION A-A

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				

RAMP DIMENSIONS
EC NO: UCP2012-1374 2011/10/27
DRWN:MKIPPER 2011/10/27
CHKD:BANDERSON 2011/11/07
APPR:FSMITH
DESCRIPTION
REV
AF

QUALITY SYMBOLS
▽ =0
▽ =0
▽ =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.36	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY	SAMIEC	DATE 1986/01/17
CHECKED BY	PATEL	DATE 1986/01/17
APPROVED BY	LENZ	DATE 1986/01/17
MATERIAL NO.	SEE CHART	

TITLE: CONNECTOR HOUSING FOR CRIMP TERMINAL 2139 SERIES DWG.

MOLEX INCORPORATED

DOCUMENT NO. SD-2139

SHEET NO. 2 OF 2

SIZE D

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