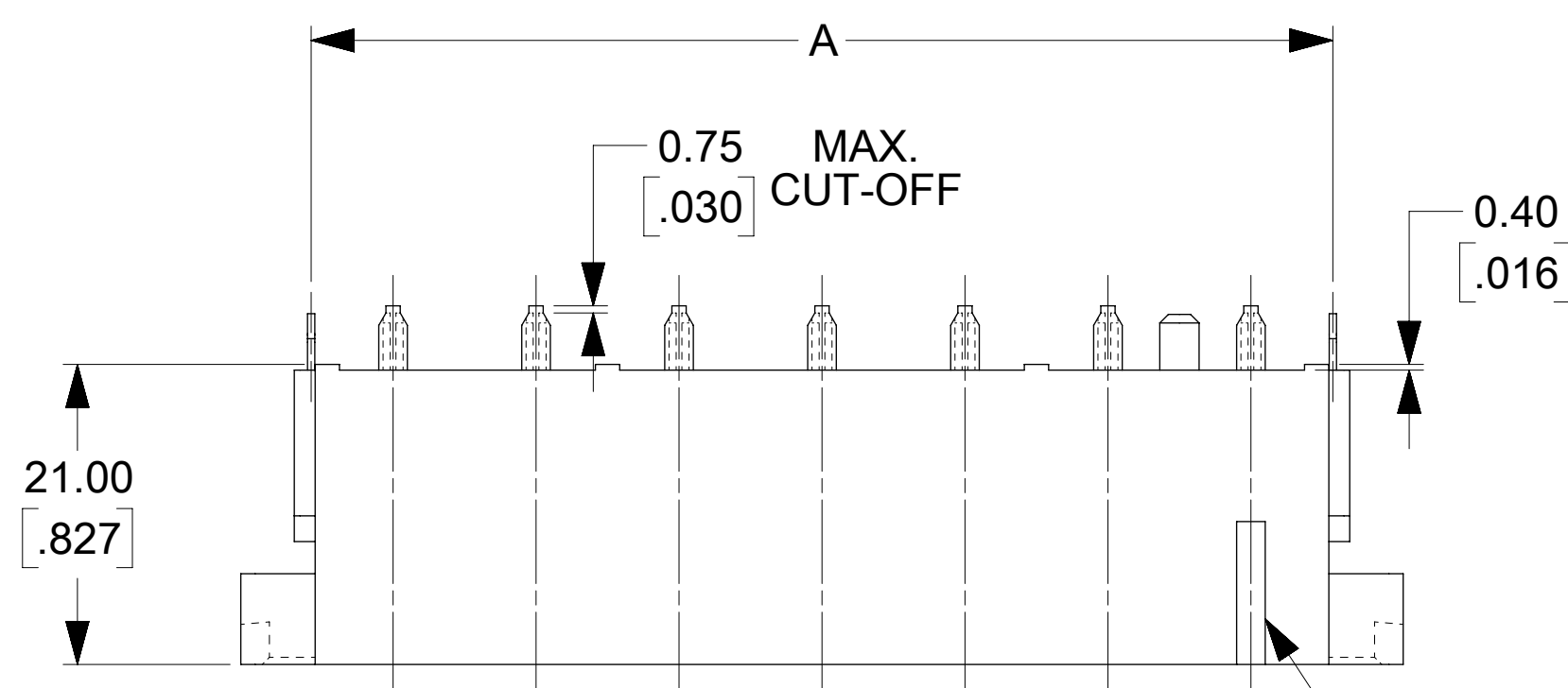
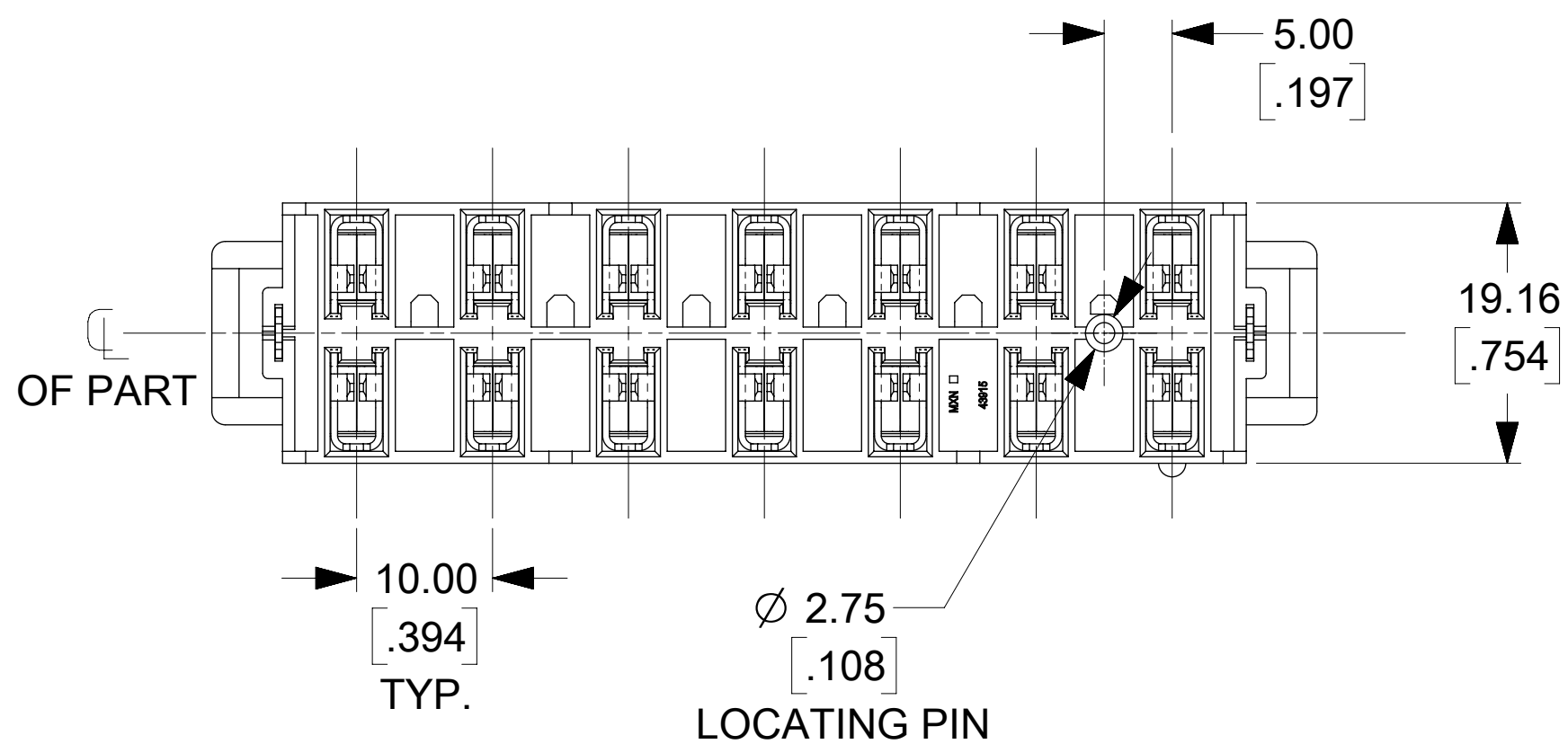




LEGEND:
439151***

PLATING:

1 OR 9 = TIN PLATING

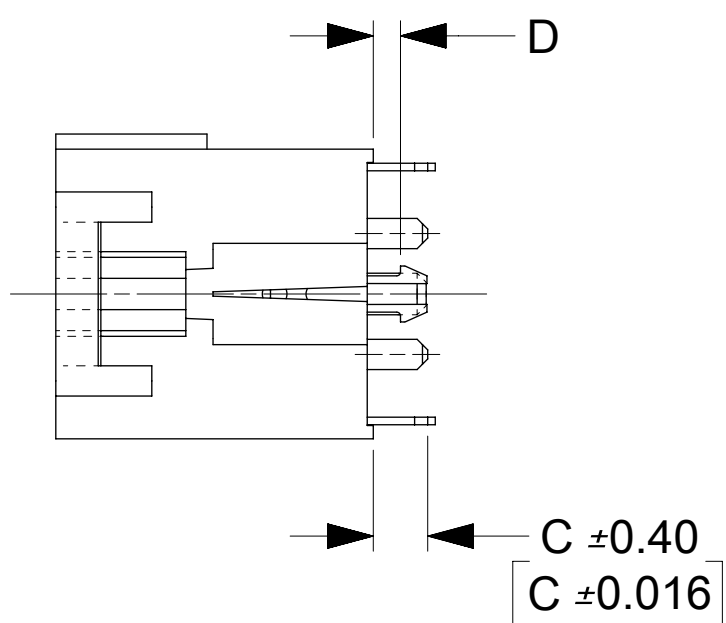
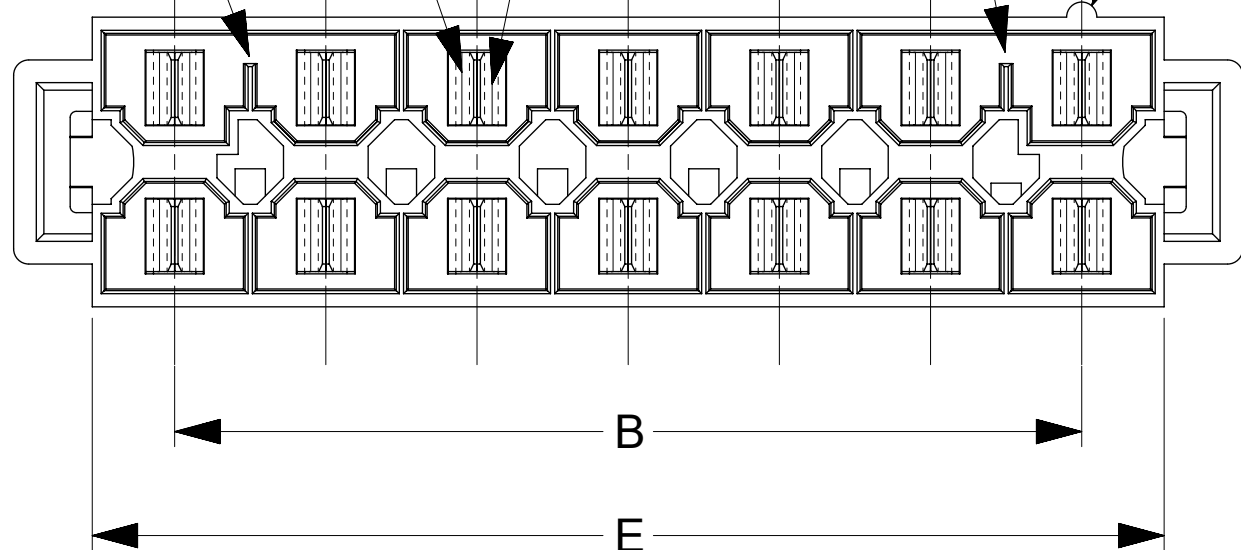
2 = SELECT GOLD AND SELECT TIN OVER NICKEL

4 = SELECT SILVER AND SELECT TIN OVER NICKEL

POLARIZING SLOTS (2 PLACES)
(SEE CHART AND SEE NOTE 6)

MATING AREA
(SEE NOTE 5)

CIRCUIT #1 DESIGNATION



NOTES:

1. MATERIALS:

HOUSING: 30% GLASS FILLED NYLON 4/6, U.L.94V-0, COLOR: BLACK.

TERMINAL: ALLOY 151

PLATING: *TIN OVER NICKEL.

OR SELECT GOLD AND SELECT TIN OVER NICKEL

OR SELECT SILVER AND SELECT TIN OVER NICKEL

(SEE CHART)

* THE PRIMARY SHIPPING CARTON WILL BE LABELED

'COMPLAINT TO RoHS DIRECTIVE 2002/95/EC

AND ELV ANNEX II OF DIRECTIVE 2000/53/EC'.

CARTONS WITHOUT THIS LABEL MAY CONTAIN

PRODUCT WITH TIN-LEAD.

2. PRODUCT SPEC.: PS-42815-0001

3. PARTS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.

4. PART MATES WITH MOLEX RECEPTACLE 43914.

5. WHEN USING OVERALL TIN PLATED TERMINALS:

FOR APPLICATIONS INVOLVING VIBRATION AND/OR THERMAL CYCLING, MOLEX STRONGLY RECOMMENDS THE USE OF NYE LUBRICANT (NYOGEL 760G) ON THE MATING SURFACES OF THE TERMINAL.

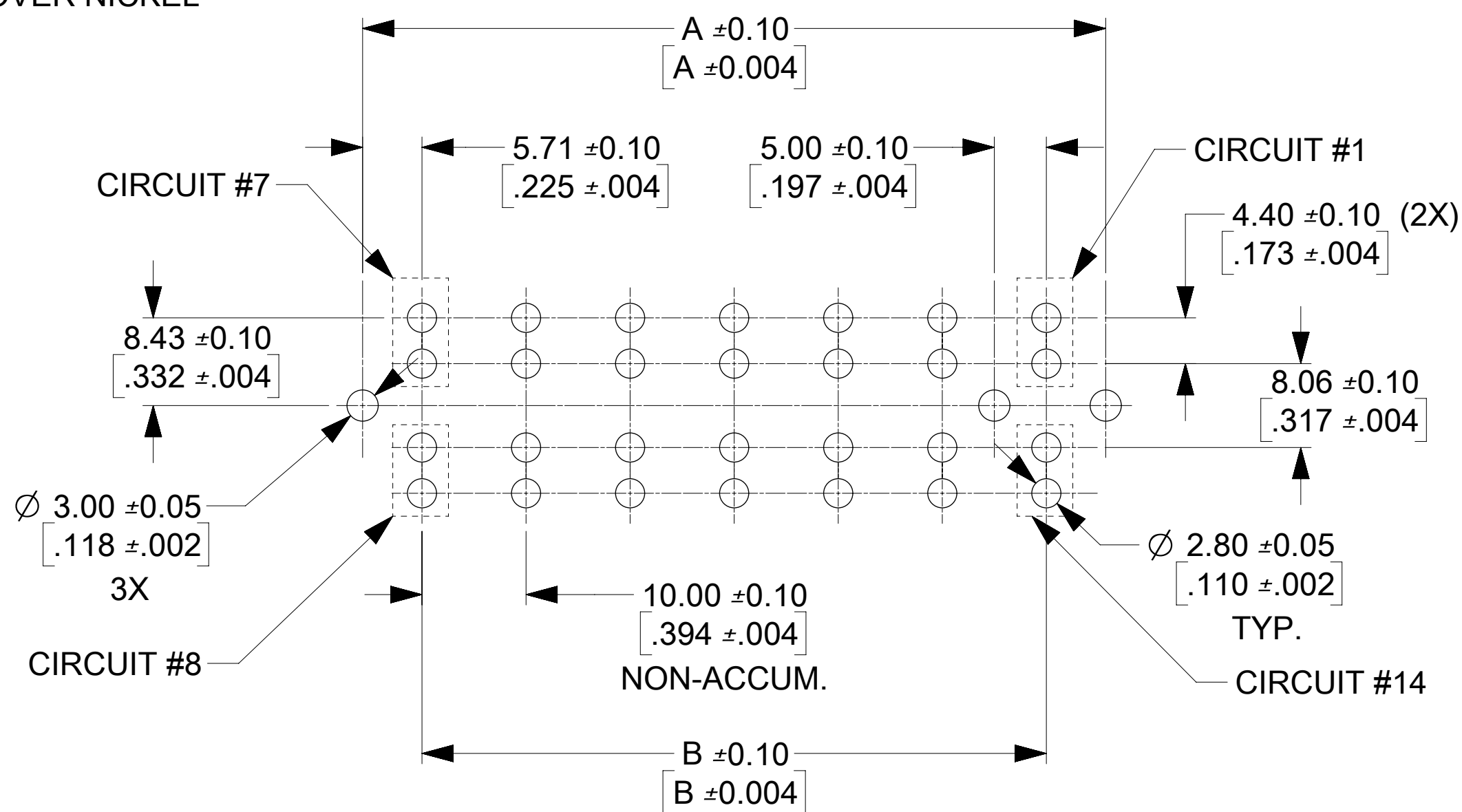
6. POLARIZING SLOTS TO BE LOCATED BETWEEN CIRCUITS ON EITHER END

OF HOUSING OF THE CIRCUIT 1 ROW. AS SHOWN.

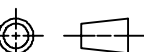
EXCEPTION: THE 6 CIRCUIT HOUSING WILL HAVE A SINGLE SLOT ON THE CIRCUIT 1 END ONLY.

7. PARTS CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPEC-PS-45499-002.

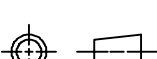
8. REFER AS-42815-001 FOR TIN PLATED TERMINALS RECOMMENDED LUBRICATION PROCEDURE.



RECOMMENDED P.C. BOARD PLATED-THRU HOLE LAYOUT
(14 CIRCUIT LAYOUT SHOWN)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO ECTR				molex			
MM/IN		2:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 611033				VERTICAL HEADER DUAL ROW, 6-14 CIRCUIT MINI-FIT SR.			
	MM	INCH									
4 PLACES	±	±		DRWN: ME 2018/11/14				PRODUCT CUSTOMER DRAWING			
3 PLACES	±	± 0.008		CHK'D: MKAMATHMARAK 2019/01/25							
2 PLACES	±	0.2 ±		APPR: ISHWARG 2019/02/08							
1 PLACE	±	±		INITIAL REVISION:				DOCUMENT NUMBER SD-43915-002			
0 PLACES	±	±		DRWN: COMERCI 1997/08/21							
ANGULAR TOL		± 0.5 °		APPR: KPRASAD 2009/02/09				DOC TYPE		DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						D-SIZE		43915		SEE CHART	
										SHEET NUMBER	
										1 OF 2	

			18		17		16		15		14		13		12		11		10		9		8		7		6		5		4		3		2		1
MATERIAL NUMBER		CIRCUITS	DIM .A		DIM. B		DIM. C		DIM. D		DIM. E		PCB THICKNESS		QUANTITY OF POLARIZING SLOTS		TERMINAL PLATING		STATUS																		
439151201		6	31.41/[1.237]		20.00/[.787]		3.50/[.137]		1.80/[.071]		30.90/[1.217]		1.57/[.062]		1		SELECT GOLD (SEE LEGEND)		ACTIVE																		
439151202		8	41.41/[1.630]		30.00/[1.181]		3.50/[.137]		1.80/[.071]		40.90/[1.610]				2																						
439151203		10	51.41/[2.024]		40.00/[1.575]		3.50/[.137]		1.80/[.071]		50.90/[2.004]				2																						
439151204		12	61.41/[2.418]		50.00/[1.969]		3.50/[.137]		1.80/[.071]		60.90/[2.398]				2																						
439151205		14	71.41/[2.811]		60.00/[2.362]		3.50/[.137]		1.80/[.071]		70.90/[2.791]				2																						
439151206		6	31.41/[1.237]		20.00/[.787]		5.10/[.201]		2.60/[.102]		30.90/[1.217]		2.36/[.093]		1																						
439151207		8	41.41/[1.630]		30.00/[1.181]		5.10/[.201]		2.60/[.102]		40.90/[1.610]				2																						
439151208		10	51.41/[2.024]		40.00/[1.575]		5.10/[.201]		2.60/[.102]		50.90/[2.004]				2																						
439151209		12	61.41/[2.418]		50.00/[1.969]		5.10/[.201]		2.60/[.102]		60.90/[2.398]				2																						
439151210		14	71.41/[2.811]		60.00/[2.362]		5.10/[.201]		2.60/[.102]		70.90/[2.791]				2																						
439151211		6	31.41/[1.237]		20.00/[.787]		5.10/[.201]		3.40/[.134]		30.90/[1.217]		3.18/[.125]		1																						
439151212		8	41.41/[1.630]		30.00/[1.181]		5.10/[.201]		3.40/[.134]		40.90/[1.610]				2																						
439151213		10	51.41/[2.024]		40.00/[1.575]		5.10/[.201]		3.40/[.134]		50.90/[2.004]				2																						
439151214		12	61.41/[2.418]		50.00/[1.969]		5.10/[.201]		3.40/[.134]		60.90/[2.398]				2																						
439151215		14	71.41/[2.811]		60.00/[2.362]		5.10/[.201]		3.40/[.134]		70.90/[2.791]				2																						
439151216		6	31.41/[1.237]		20.00/[.787]		8.30/[.327]		6.58/[.259]		30.90/[1.217]		6.35/[.250]		1																						
439151217		8	41.41/[1.630]		30.00/[1.181]		8.30/[.327]		6.58/[.259]		40.90/[1.610]				2																						
439151218		10	51.41/[2.024]		40.00/[1.575]		8.30/[.327]		6.58/[.259]		50.90/[2.004]				2																						
439151219		12	61.41/[2.418]		50.00/[1.969]		8.30/[.327]		6.58/[.259]		60.90/[2.398]				2																						
439151220		14	71.41/[2.811]		60.00/[2.362]		8.30/[.327]		6.58/[.259]		70.90/[2.791]				2																						
439151221		10	51.41/[2.024]		40.00/[1.575]		3.50/[.137]		2.60/[.102]		50.90/[2.004]		2.36/[.093]		2																						
439151401		6	31.41/[1.237]		20.00/[.787]		3.50/[.137]		1.80/[.071]		30.90/[1.217]		1.57/[.062]		1																						
439151402		8	41.41/[1.630]		30.00/[1.181]		3.50/[.137]		1.80/[.071]		40.90/[1.610]				2																						
439151403		10	51.41/[2.024]		40.00/[1.575]		3.50/[.137]		1.80/[.071]		50.90/[2.004]				2																						
439151404		12	61.41/[2.418]		50.00/[1.969]		3.50/[.137]		1.80/[.071]		60.90/[2.398]				2																						
439151405		14	71.41/[2.811]		60.00/[2.362]		3.50/[.137]		1.80/[.071]		70.90/[2.791]				2																						
439151406		6	31.41/[1.237]		20.00/[.787]		5.10/[.201]		2.60/[.102]		30.90/[1.217]		2.36/[.093]		1																						
439151407		8	41.41/[1.630]		30.00/[1.181]		5.10/[.201]		2.60/[.102]		40.90/[1.610]				2																						
439151408		10	51.41/[2.024]		40.00/[1.575]		5.10/[.201]		2.60/[.102]		50.90/[2.004]				2																						
439151409		12	61.41/[2.418]		50.00/[1.969]		5.10/[.201]		2.60/[.102]		60.90/[2.398]				2																						
439151410		14	71.41/[2.811]		60.00/[2.362]		5.10/[.201]		2.60/[.102]		70.90/[2.791]				2																						
439151411		6	31.41/[1.237]		20.00/[.787]		5.10/[.201]		3.40/[.134]		30.90/[1.217]		3.18/[.125]		1																						
439151412		8	41.41/[1.630]		30.00/[1.181]		5.10/[.201]		3.40/[.134]		40.90/[1.610]				2																						
439151413		10	51.41/[2.024]		40.00/[1.575]		5.10/[.201]		3.40/[.134]		50.90/[2.004]				2																						
439151414		12	61.41/[2.418]		50.00/[1.969]		5.10/[.201]		3.40/[.134]		60.90/[2.398]				2																						
439151415		14	71.41/[2.811]		60.00/[2.362]		5.10/[.201]		3.40/[.134]		70.90/[2.791]				2																						
439151416		6	31.41/[1.237]		20.00/[.787]		8.30/[.327]		6.58/[.259]		30.90/[1.217]		6.35/[.250]		1																						
439151417		8	41.41/[1.630]		30.00/[1.181]		8.30/[.327]		6.58/[.259]		40.90/[1.610]				2																						
439151418		10	51.41/[2.024]		40.00/[1.575]		8.30/[.327]		6.58/[.259]		50.90/[2.004]				2																						
439151419		12	61.41/[2.418]		50.00/[1.969]		8.30/[.327]		6.58/[.259]		60.90/[2.398]				2																						
439151420		14	71.41/[2.811]		60.00/[2.362]		8.30/[.327]		6.58/[.259]		70.90/[2.791]				2																						
439151421		10	51.41/[2.024]		40.00/[1.575]		3.50/[.137]		2.60/[.102]		50.90/[2.004]		2.36/[.093]		2																						
439151101		6	31.41/[1.237]		20.00/[.787]		3.50/[.137]		1.80/[.071]		30.90/[1.217]		1.57/[.062]		1																						
439151102		8	41.41/[1.630]		30.00/[1.181]		3.50/[.137]		1.80/[.071]		40.90/[1.610]				2																						
439151103		10	51.41/[2.024]		40.00/[1.575]		3.50/[.137]		1.80/[.071]		50.90/[2.004]				2																						
439151104		12	61.41/[2.418]		50.00/[1.969]		3.50/[.137]		1.80/[.071]		60.90/[2.398]				2																						
439151105		14	71.41/[2.811]		60.00/[2.362]		3.50/[.137]		1.80/[.071]		70.90/[2.791]				2																						
439151106		6	31.41/[1.237]		20.00/[.787]		5.10/[.201]		2.60/[.102]		30.90/[1.217]		2.36/[.093]		1																						
439151107		8	41.41/[1.630]		30.00/[1.181]		5.10/[.201]		2.60/[.102]		40.90/[1.610]				2																						
439151108		10	51.41/[2.024]		40.00/[1.575]		5.10/[.201]		2.60/[.102]		50.90/[2.004]				2																						
439151109		12	61.41/[2.418]		50.00/[1.969]		5.10/[.201]		2.60/[.102]		60.90/[2.398]				2																						
439151110		14	71.41/[2.811]		60.00/[2.362]		5.10/[.201]		2.60/[.102]		70.90/[2.791]				2																						
439151111		6	31.41/[1.237]		20.00/[.787]		5.10/[.201]		3.40/[.134]		30.90/[1.217]		3.18/[.125]		1																						
439151112		8	41.41/[1.630]		30.00/[1.181]		5.10/[.201]		3.40/[.134]		40.90/[1.610]				2																						
439151113		10	51.41/[2.024]		40.00/[1.575]		5.10/[.201]		3.40/[.134]		50.90/[2.004]				2																						
439151114		12	61.41/[2.418]		50.00/[1.969]		5.10/[.201]		3.40/[.134]		60.90/[2.398]				2																						
439151115		14	71.41/[2.811]		60.00/[2.362]		5.10/[.201]		3.40/[.134]		70.90/[2.791]				2																						
439151116		6	31.41/[1.237]		20.00/[.787]		8.30/[.327]		6.58/[.259]		30.90/[1.217]		6.35/[.250]		1																						
439151117		8	41.41/[1.630]		30.00/[1.181]		8.30/[.327]		6.58/[.259]		40.90/[1.610]				2																						
439151118		10	51.41/[2.024]		40.00/[1.575]		8.30/[.327]		6.58/[.259]		50.90/[2.004]				2																						
439151119		12	61.41/[2.418]		50.00/[1.969]		8.30/[.327]		6.58/[.259]		60.90/[2.398]				2																						
439151120		14	71.41/[2.811]		60.00/[2.362]		8.30/[.327]		6.58/[.259]		70.90/[2.791]				2																						
439151121		10	51.41/[2.024]		40.00/[1.575]		3.50/[.137]		2.60/[.102]		50.90/[2.004]		2.36/[.093]		2																						
439151905		14	71.41/[2.811]		60.00/[2.362]		3.50/[.137]		1.80/[.071]		70.90/[2.791]		1.57/[.062]		2																						

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO ECTR					
MM/IN		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 611033 DRWN: ME 2018/11/14 CHK'D: MKAMATHMARAK 2019/01/25 APPR: ISHWARG 2019/02/08					
		MM	INCH						
4 PLACES	±		±	INITIAL REVISION: DRWN: COMERCI 1997/08/21 APPR: KPRASAD 2009/02/09					
3 PLACES	±		± 0.008						
2 PLACES	±	0.2	±	DOCUMENT NUMBER SD-43915-002 DOC TYPE PSD DOC PART 001 REVISION F					
1 PLACE	±		±						
0 PLACES	±		±	MATERIAL NUMBER SEE CHART CUSTOMER GENERAL MARKET					
ANGULAR TOL		±	0.5 °						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING D-SIZE		SERIES 43915	

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/08	09:35:36																																																																																																																																																																																																																																																																																																																																																																																																																																																									</
-----------------	----	--------------	------------	----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----