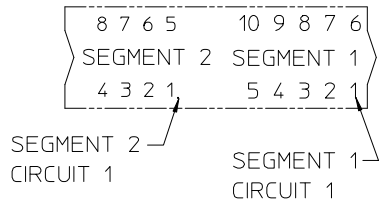
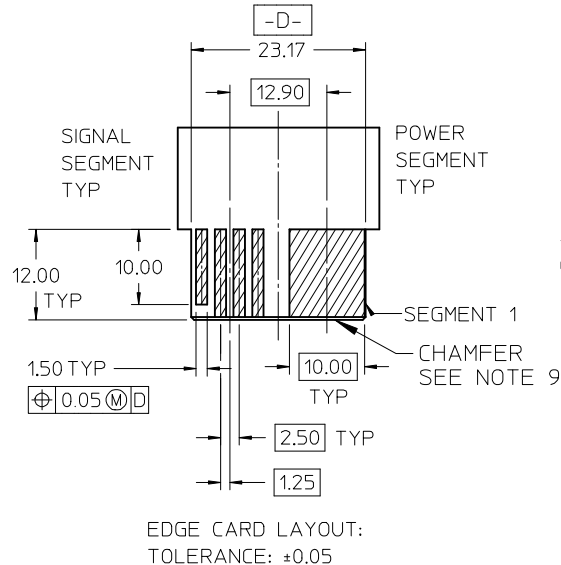


- NOTES:
1. MATERIAL: HOUSING - LCP, UL94V-0, BLACK  
MATERIAL: TERMINAL - COPPER ALLOY
  2. FINISH: SELECT GOLD: 30 M.I. MIN IN CONTACT AREA  
SELECT TIN: 150 M.I. MIN IN PC TAIL AREA  
BOTH OVER NICKEL: 50 M.I. MIN
  3. PRODUCT SPECIFICATION: PS-45719-001.
  4. PACKAGING SPECIFICATION: PK-45714-001.
  5. PCB THICKNESS: SEE CHART
  6. EDGE CARD THICKNESS: 1.57±0.15
  7. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.
  8. PCB HOLE SPECIFICATION: SEE PS-45719-001
  9. 0.50 X 45° CHAMFER ON LEADING EDGE, TYP 4 SIDES
  10. PART IS RoHS COMPLIANT. SEE ES-45482-999 FOR LABEL REQUIREMENTS.
  11. SEE SHEET 4 FOR OPTIONAL END LATCH VERSION.



MATERIAL NUMBER	SEGMENT	SEGMENT
45912-0001	SIGNAL	POWER
45912-0002	POWER	SIGNAL
SEE 45845	SIGNAL	SIGNAL
SEE 45714	POWER	POWER

PCB LAYOUT: COMPONENT SIDE  
\*\*\* = TO BE DETERMINED BY CUSTOMER

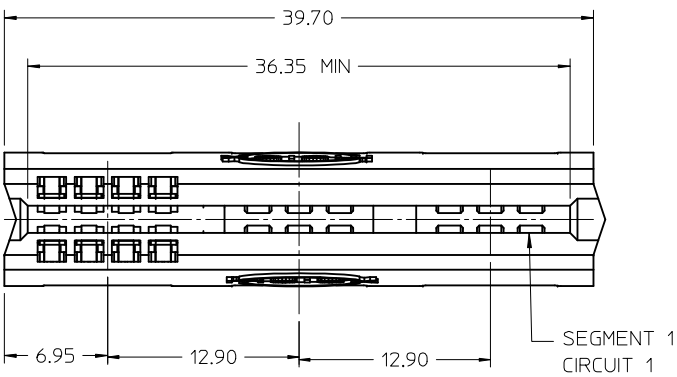
ADD -2108, SHT 2	DESCRIPTION
EC NO: UCP2010-0076	
DRWN: JSCHAFFER 2009/07/16	
CHKD: 2009/07/24	
APPR: APATEL 2009/07/24	REV
M	

QUALITY SYMBOLS
-----------------

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

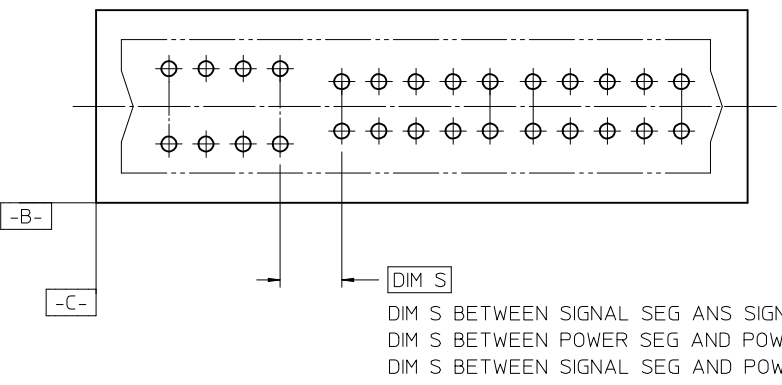
DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
SAMIEC	2005/04/14
CHECKED BY	DATE
SAMIEC	2005/04/14
APPROVED BY	DATE
MARGULIS	2005/04/14
MATERIAL NUMBER	SEE CHART
SIZE	A

SCALE	2:1	DESIGN UNITS	METRIC	THIRD ANGLE PROJECTION
POWER EDGE ASSEMBLY POWER / SIGNAL MIXED VERTICAL CPI				
molex MOLEX INCORPORATED				
DOCUMENT NO.			SHEET NO.	
SD-45912-001			1 OF 4	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



NOTE:  
 FINISH (FOR -1008 ONLY)  
 NICKEL (MATING AREA) 50-150 M.I.  
 Pd/Ni 100-200 M.I. IN MATING AREA  
 GOLD FLASH IN MATING AREA  
 TIN NICKEL (COMPLIANT OR TAIL AREA)  
 30-60 M.I. NICKEL UNDER 15-60 M.I. TIN

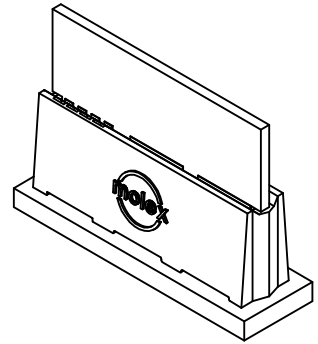
SIGNAL SEGMENT	POWER SEGMENT	POWER SEGMENT
8 7 6 5	10 9 8 7 6	10 9 8 7 6
SEGMENT 3	SEGMENT 2	SEGMENT 1
4 3 2 1	5 4 3 2 1	5 4 3 2 1



PCB LAYOUT: COMPONENT SIDE

MATERIAL NUMBER	SEGMENT 3	SEGMENT 2	SEGMENT 1	OPTIONAL VOID LOCATION
45912-0007	SIGNAL	POWER	POWER	
45912-0008	POWER	SIGNAL	POWER	
45912-1008 SEE NOTE	POWER	SIGNAL	POWER	
45912-1108	POWER	SIGNAL	POWER	SIGNAL SEG PIN 3
45912-2108	VOID	SIGNAL	POWER	SIGNAL SEG PIN 3
45912-0009	SIGNAL	SIGNAL	POWER	
45912-0010	SIGNAL	POWER	SIGNAL	
45912-0011	POWER	SIGNAL	SIGNAL	
45912-0012	POWER	POWER	SIGNAL	
SEE 45845	SIGNAL	SIGNAL	SIGNAL	
SEE 45714	POWER	POWER	POWER	

MATERIAL NUMBER: 45911-0007 SHOWN  
 SEE SHEET ONE FOR OTHER NOTES AND DIMENSIONS



EC NO: UCP2010-0076 DRWN: JSCHAFFER 2009/07/16 CHKD: 2009/07/24 APPR: APATEL 2009/07/24	QUALITY SYMBOLS DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY SAMIEC	DATE 2005/04/14	TITLE <b>POWER EDGE ASSEMBLY          POWER / SIGNAL MIXED          VERTICAL CPI</b>		
		4 PLACES	± ---	± ---	CHECKED BY	DATE			
		3 PLACES	± ---	± ---	SAMIEC	2005/04/14	<b>MOLEX INCORPORATED</b>		
		2 PLACES	± 0.25	± ---	APPROVED BY	DATE			
1 PLACE	± 0.25	± ---	MARGULIS	2005/04/14	MATERIAL NUMBER SEE CHART		DOCUMENT NO. SD-45912-001	SHEET NO. 2 OF 4	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

6

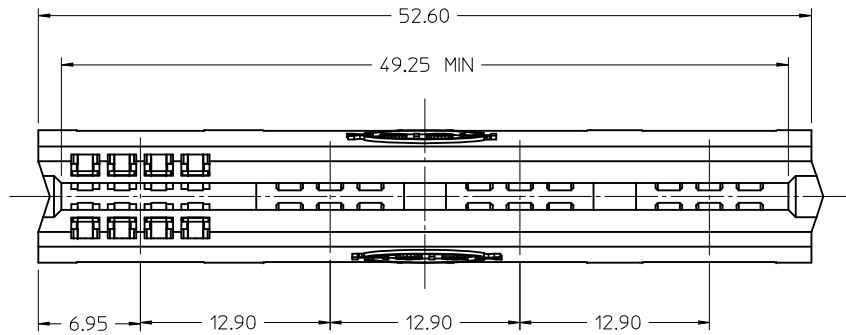
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4

3

2

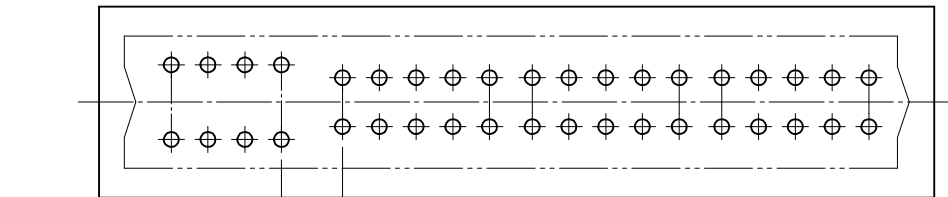
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MATERIAL NUMBER 45912-0025 SHOWN  
SEE SHEET ONE FOR OTHER NOTES AND DIM.

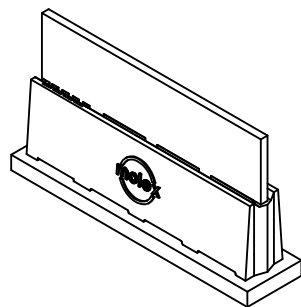
8 7 6 5	10 9 8 7 6	10 9 8 7 6	10 9 8 7 6
SEGMENT 4	SEGMENT 3	SEGMENT 2	SEGMENT 1
4 3 2 1	5 4 3 2 1	5 4 3 2 1	5 4 3 2 1

MATERIAL NUMBER	SEGMENT 4	SEGMENT 3	SEGMENT 2	SEGMENT 1
45912-0025	SIGNAL	POWER	POWER	POWER
45912-0026	POWER	SIGNAL	POWER	POWER
45912-0027	SIGNAL	SIGNAL	POWER	POWER
45912-0028	SIGNAL	POWER	SIGNAL	POWER
45912-0029	POWER	SIGNAL	SIGNAL	POWER
45912-0030	POWER	POWER	SIGNAL	POWER
45912-0031	SIGNAL	SIGNAL	SIGNAL	POWER
45912-0032	SIGNAL	POWER	POWER	SIGNAL
45912-0033	POWER	SIGNAL	POWER	SIGNAL
45912-0034	SIGNAL	SIGNAL	POWER	SIGNAL
45912-0035	SIGNAL	POWER	SIGNAL	SIGNAL
45912-0036	POWER	SIGNAL	SIGNAL	SIGNAL
45912-0037	POWER	POWER	SIGNAL	SIGNAL
45912-0038	POWER	POWER	POWER	SIGNAL



DIM S BETWEEN SIGNAL SEG AND SIGNAL SEG: 5.40  
DIM S BETWEEN POWER SEG AND POWER SEG: 2.90  
DIM S BETWEEN SIGNAL SEG AND POWER SEG: 4.15

PCB LAYOUT: COMPONENT SIDE



EC NO: UCP2010-0076	2009/07/16
DRWN: JSCHAFFER	2009/07/16
CHKD:	2009/07/24
APPR: APATEL	2009/07/24
M	REV

QUALITY SYMBOLS	DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE		SCALE	DESIGN UNITS
MM ONLY		2:1	METRIC
DRAWN BY	DATE	TITLE	
SAMIEC	2005/04/14	POWER EDGE ASSEMBLY POWER / SIGNAL MIXED VERTICAL CPI	
CHECKED BY	DATE	MOLEX INCORPORATED	
SAMIEC	2005/04/14	DOCUMENT NO. SD-45912-001	
APPROVED BY	DATE	SHEET NO. 3	
MARGULIS	2005/04/14	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
MATERIAL NUMBER	SEE CHART		
SIZE			
A			

THIRD ANGLE PROJECTION
------------------------

5

4

3

2

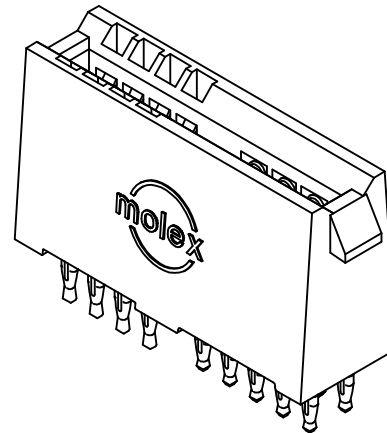
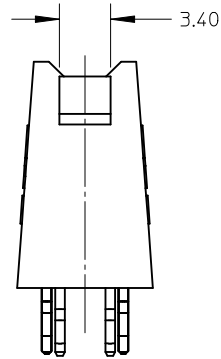
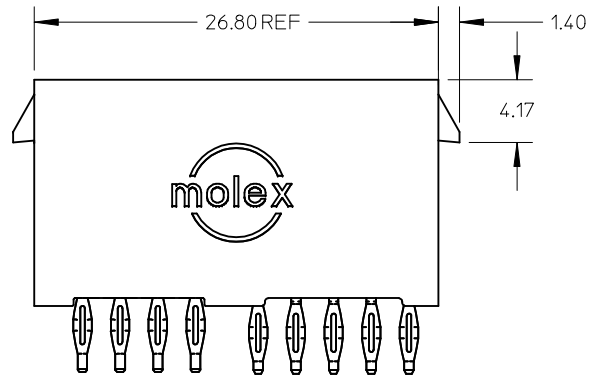
1

NOTES:  
 1. FOR ALL OTHER DIMENSIONS SEE SHEET 1  
 2. OPTIONAL END LATCH VERSION 45912-6001 SHOWN FOR REF.

MATERIAL NUMBER	SEGMENT 4	SEGMENT 3	SEGMENT 2	SEGMENT 1
45912-6025	SIGNAL	POWER	POWER	POWER
45912-6026	POWER	SIGNAL	POWER	POWER
45912-6027	SIGNAL	SIGNAL	POWER	POWER
45912-6028	SIGNAL	POWER	SIGNAL	POWER
45912-6029	POWER	SIGNAL	SIGNAL	POWER
45912-6030	SIGNAL	SIGNAL	SIGNAL	POWER
45912-6031	SIGNAL	POWER	POWER	SIGNAL
45912-6032	SIGNAL	SIGNAL	POWER	SIGNAL

MATERIAL NUMBER	SEGMENT 2	SEGMENT 1
45912-6001	SIGNAL	POWER
SEE 45845	SIGNAL	SIGNAL
SEE 45714	POWER	POWER

MATERIAL NUMBER	SEGMENT 3	SEGMENT 2	SEGMENT 1
45912-6007	SIGNAL	POWER	POWER
45912-6008	POWER	SIGNAL	POWER
45912-6009	SIGNAL	POWER	SIGNAL
45912-6010	POWER	SIGNAL	SIGNAL
SEE 45845	SIGNAL	SIGNAL	SIGNAL
SEE 45714	POWER	POWER	POWER



ADD END LATCH EC NO: UCP2010-0076 DRWN: JSCHAFFER 2009/07/16 CHKD: 2009/07/24 APPR: APATEL 2009/07/24	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY SAMIEC	DATE 2005/04/14	TITLE POWER EDGE ASSEMBLY POWER / SIGNAL MIXED VERTICAL CPI			
		4 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 2005/04/14				
		3 PLACES	± ---	± ---	APPROVED BY MARGULIS	DATE 2005/04/14	MOLEX INCORPORATED DOCUMENT NO. SD-45912-001 SHEET NO. 4 OF 4			
2 PLACES	± 0.25	± ---	MATERIAL NO. SEE CHARTS							
1 PLACE	± 0.25	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			