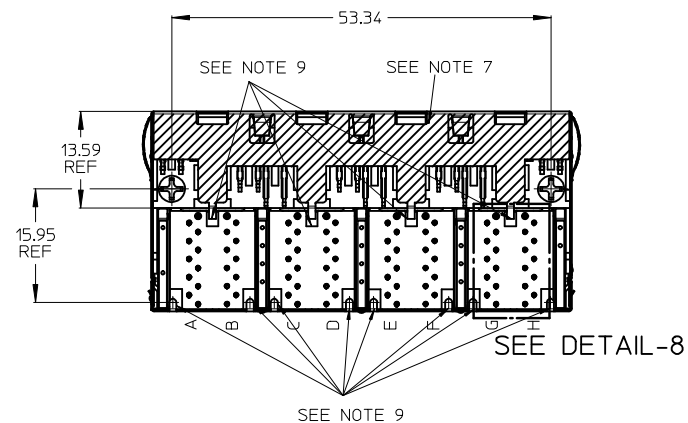
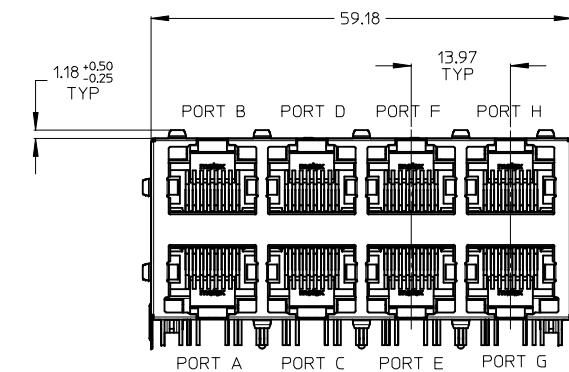
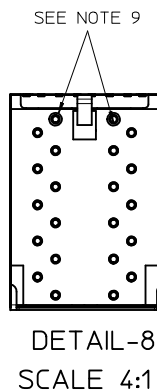
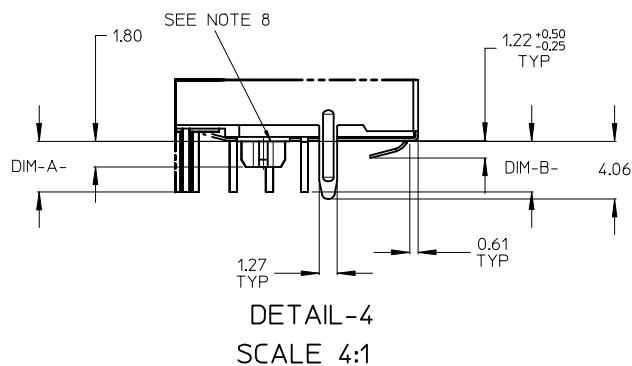
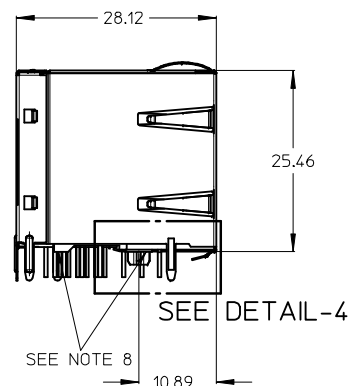


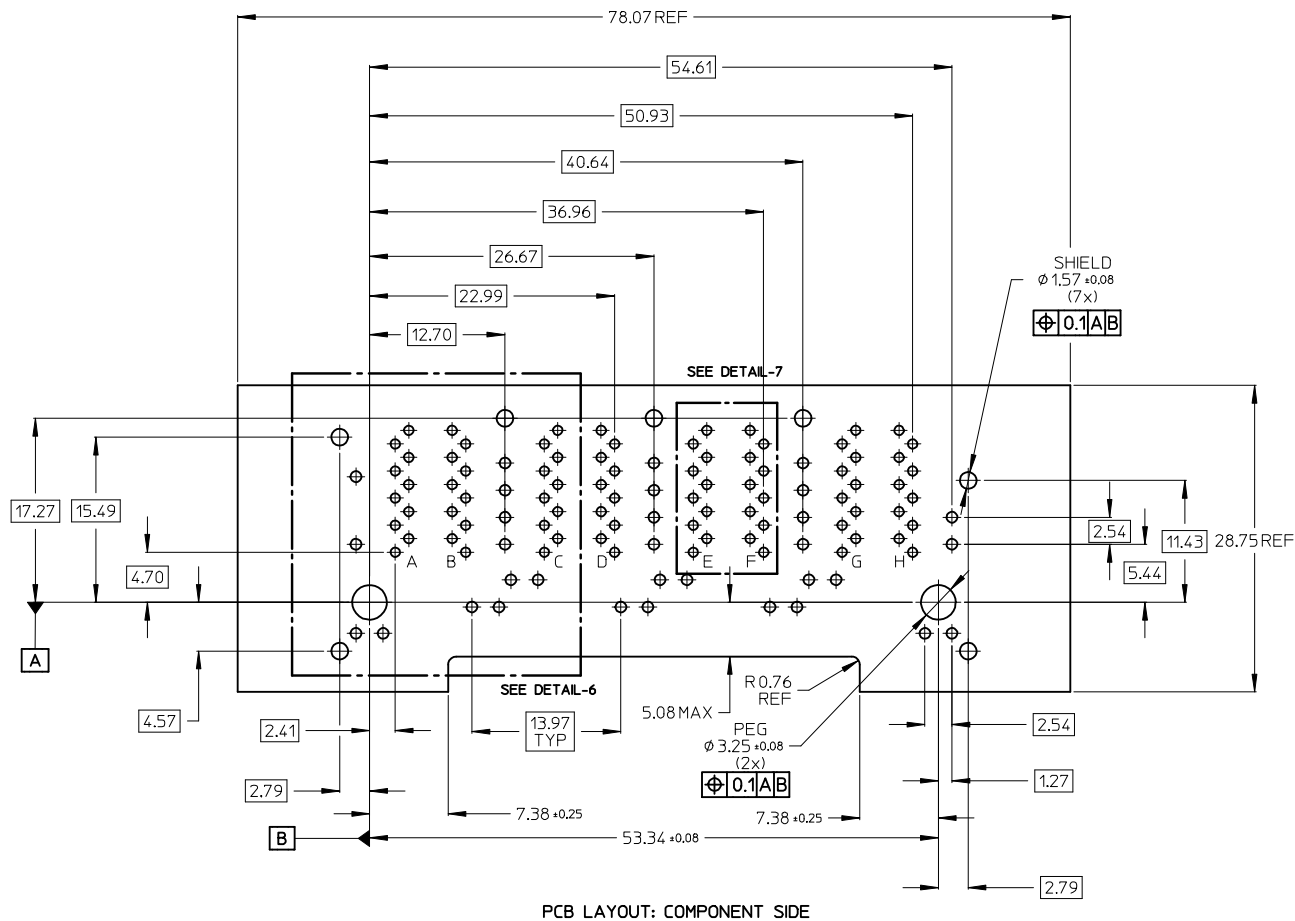
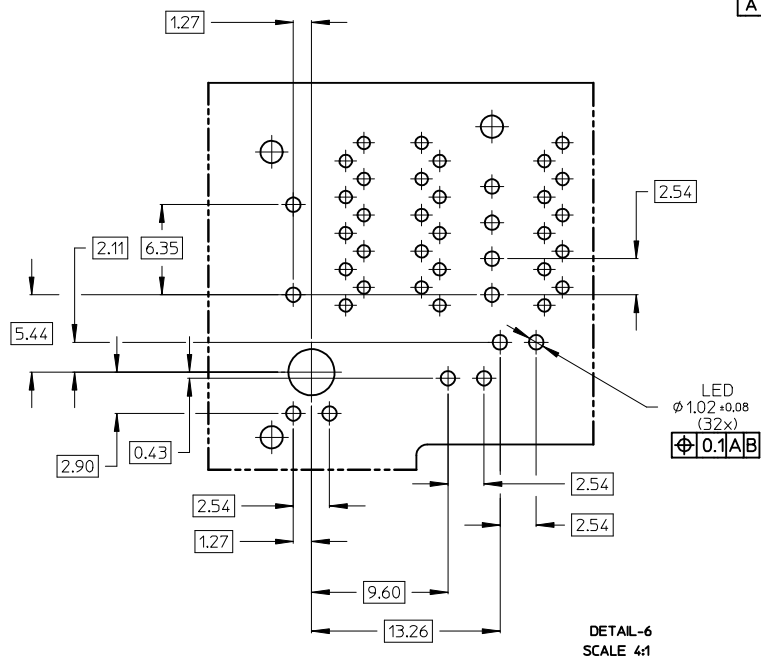
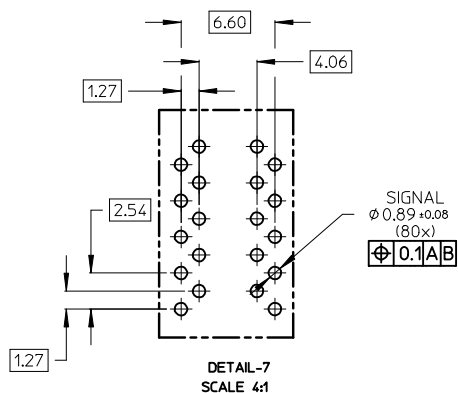
GIGABIT MAGNETIC JACK 2x4 LED



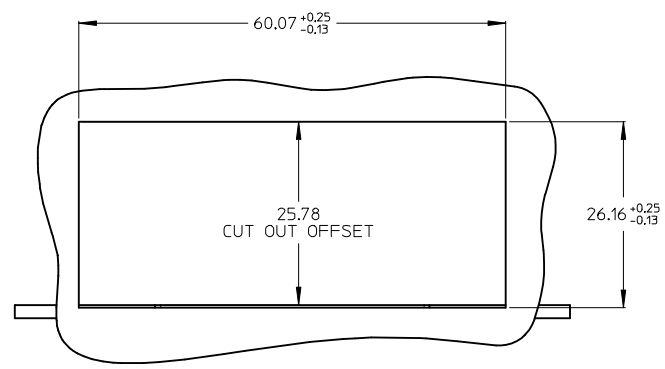
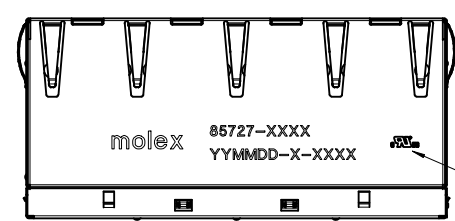
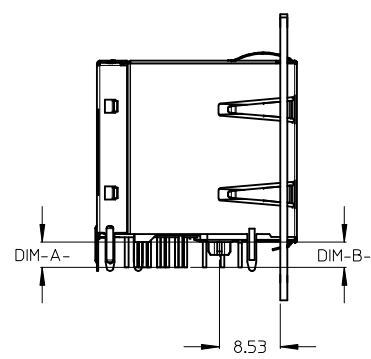
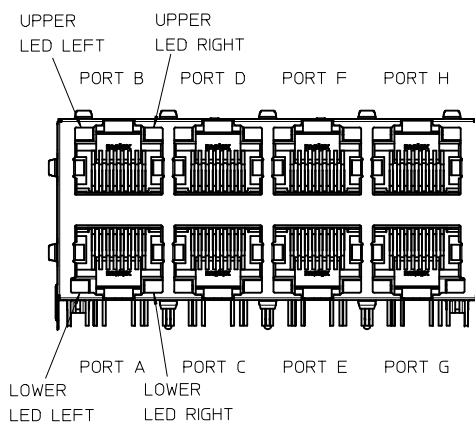
NOTES:

- 1 - SHIELD MATERIAL: BRASS; PLATING: NICKEL PRE-PLATING
- 2 - PLASTIC MATERIAL: POLYESTER (PBT)BLACK, 30%GR, UL 94V-0
- 3 - RJ45 TERMINALS MATERIAL: COPPER ALLOY
CONTACT AREA PLATING: 0.76 MICROMETER GOLD OVER 1.9 MICROMETER NICKEL
PHY TERMINALS: TIN PLATED
- 4 - MATING INTERFACE ACCORDING TO IEC 60603-7
- 5 - PRODUCT SPECIFICATION: PS-85728-001
- 6 - PACKAGING SPECIFICATION: PK-85727-001
- 7 - TRACES WITHOUT INSULATION NOT ALLOWED IN THE DASHED AREAS.
(TO AVOID SHORTS TO SHIELD)
- 8 - STAND OFF TO SYSTEM BOARD
- 9 - STUBBED PINS AND SHIELD LATCHES AVOID TO ROUTE TRACES OR TO PLACE ANY
VIAS OR PADS BELOW THESES PINS
- 10 - FOR MAGNETIC AND LED INFORMATION SEE SPEC PS-85728-001

NO CHANGE EC NO: 2015/10/02 DRWN:JBADER 2015/10/02 CHKD:MMANGARUDOV 2015/10/02 APPR:SSTEINKE 2015/11/16 REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
				mm	INCH	DRAWN BY MMANGARUDOV	DATE 2010/05/07						
		4 PLACES	± ---	± ---		CHECKED BY JBADER	DATE 2010/05/10						
		3 PLACES	± ---	± ---		APPROVED BY SSTEINKE	DATE 2012/04/24						
		2 PLACES	± 0.25	± ---		MATERIAL NO. SEE SHEET 3		DOCUMENT NO. SD-85727-001					
		1 PLACE	± 0.5	± ---		SIZE A2							
		ANGULAR ± .5 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											



REF DIM ADDED	EC NO: 2015/10/02 DRWN:JBADER CHKD:MMANGARUDOV 2015/10/02 APPR:SSTEINKE 2015/11/16	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
						mm	INCH	DRAWN BY MMANGARUDOV	DATE 2010/05/07	TITLE GIGABIT MAGNETIC JACK 2X4 LED			
					4 PLACES	± ---	± ---	CHECKED BY JBADER	DATE 2010/05/10				
					3 PLACES	± ---	± ---	APPROVED BY SSTEINKE	DATE 2012/04/24				
					2 PLACES	± 0.25	± ---	MATERIAL NO. SEE SHEET 3	DOCUMENT NO. SD-85727-001				
					1 PLACE	± 0.5	± ---	MOLEX INCORPORATED					
					ANGULAR ± .5 °								
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A2			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



SUGGESTED PANEL CUT OUT

PART NUMBER	UPPER & LOWER LED LEFT		UPPER & LOWER LED RIGHT		DIMENSION -A- FOR SIGNAL PIN LENGTH	DIMENSION -B- FOR LED PIN LENGTH
85727-1001	COLOUR 1	GREEN	COLOUR 1	GREEN	3,56mm	3,56mm
85727-1002	COLOUR 1	GREEN	COLOUR 1	GREEN	3,56mm	3,56mm
	COLOUR 2	ORANGE				
85727-1003	COLOUR 1	GREEN	COLOUR 1	YELLOW	3,56mm	3,56mm
85727-1004	COLOUR 1	GREEN	COLOUR 1	GREEN	3,56mm	3,56mm
	COLOUR 2	ORANGE	COLOUR 2	ORANGE		
85727-1006	COLOUR 1	GREEN	COLOUR 1	ORANGE	3,56mm	3,56mm
85727-1008	COLOUR 1	GREEN	COLOUR 1	GREEN	3,56mm	3,56mm
	COLOUR 2	YELLOW	COLOUR 2	YELLOW		
85727-1012	COLOUR 1	YELLOW	COLOUR 1	YELLOW	3,56mm	3,56mm
	COLOUR 2	GREEN	COLOUR 2	GREEN		
85727-1013	COLOUR 1	YELLOW	COLOUR 1	GREEN	3,56mm	3,56mm
	COLOUR 2	GREEN				
85727-1014	COLOUR 1	YELLOW	COLOUR 1	GREEN	3,56mm	3,56mm
85727-1016	COLOUR 1	GREEN	COLOUR 1	GREEN	3,56mm	3,56mm
			COLOUR 2	YELLOW		

85727-3001	COLOUR 1	GREEN	COLOUR 1	GREEN	2,2mm	3,56mm
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85727-4001	COLOUR 1	GREEN	COLOUR 1	GREEN	2,5mm	3,56mm
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ADDITIONAL LED COLOURS AND CONFIGURATIONS
AVAILABLE ON REQUEST

- NOTED:
- 1 - PRINTING MARKED BY LASER
 - 2 - INSCRIPTION:
 - 1st LINE: PART NUMBER
 - 2nd LINE: DATE CODE (YEAR,MONTH,DAY) - MANUFACTURER ID - COSECUTIVE NUMBER
 - 3 - UL LOGO

NEW P/N ADDED

EC NO: 2015/10/02

DRWN: JBADER

CHKD: MMANGARUDOV

2015/10/02

APPR: SSTE INKE

2015/11/16

DESCRIPTION

REV

QUALITY SYMBOLS

$\nabla=0$

$\nabla=0$

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	$\pm$ ---	$\pm$ ---
3 PLACES	$\pm$ ---	$\pm$ ---
2 PLACES	$\pm$ 0.25	$\pm$ ---
1 PLACE	$\pm$ 0.5	$\pm$ ---

ANGULAR $\pm$.5 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY	DATE	TITLE
MMANGARUDOV	2010/05/07	
CHECKED BY	DATE	
JBADER	2010/05/10	
APPROVED BY	DATE	
SSTE INKE	2012/04/24	

MATERIAL NO.

SEE BOM

SIZE A2

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

DIMENSION

SCALE

2:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

GIGABIT MAGNETIC JACK
2X4 LED

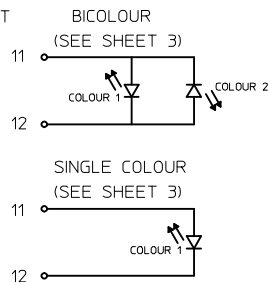
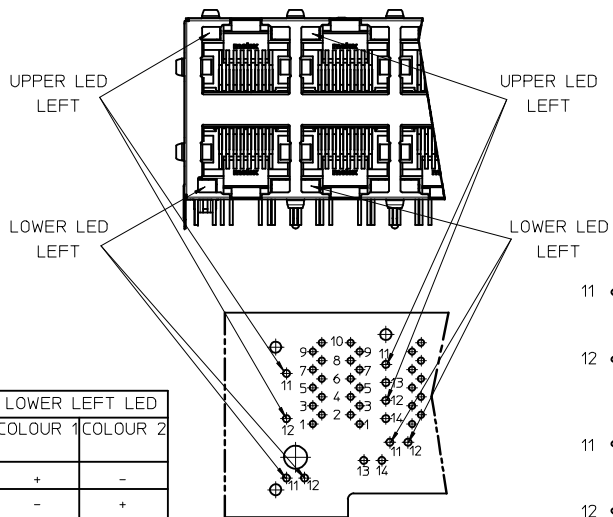
MOLEX INCORPORATED

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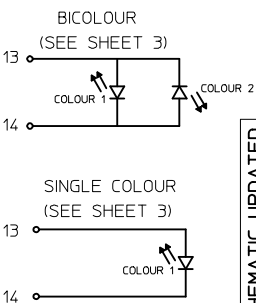
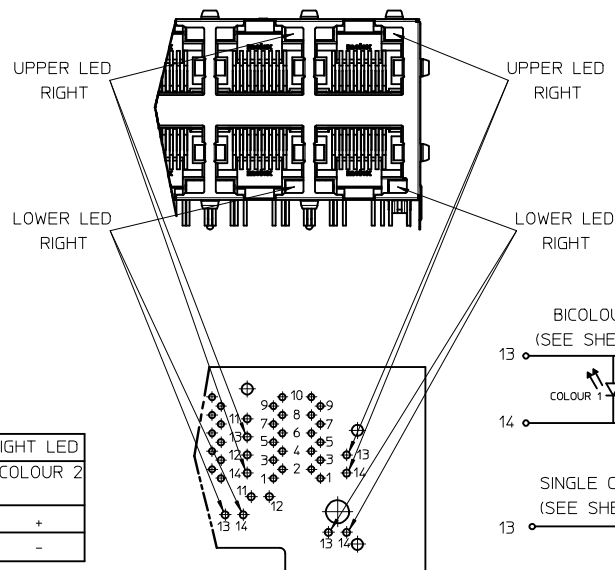
SD-85727-001

SHEET NO.

3 OF 4



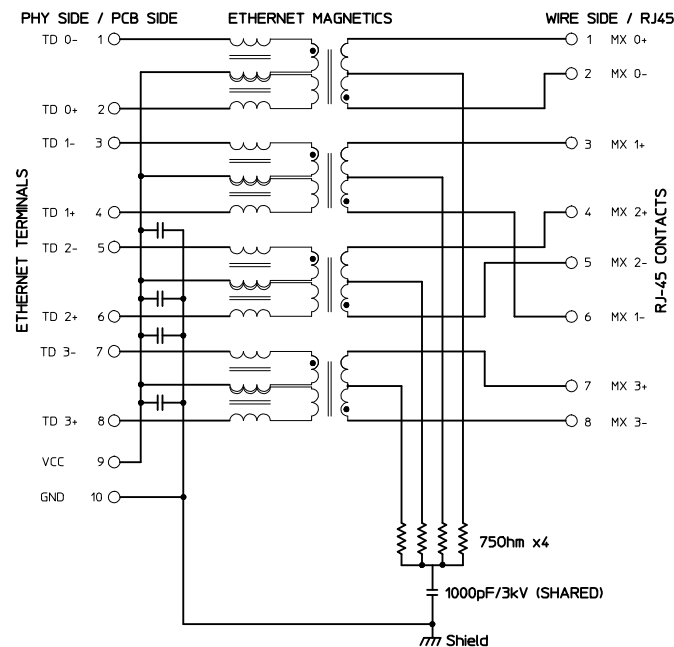
COMPONENT VIEW



COMPONENT VIEW

UPPER & LOWER LEFT LED		
PIN POSITION	COLOUR 1	COLOUR 2
11	+	-
12	-	+

UPPER & LOWER RIGHT LED		
PIN POSITION	COLOUR 1	COLOUR 2
13	+	+
14	-	-



PIN	ETHERNET MAGNETICS
1	TD 0-
2	TD 0+
3	TD 1-
4	TD 1+
5	TD 2-
6	TD 2+
7	TD 3-
8	TD 3+
9	VCC
10	GND

SCHEMATIC UPDATED	EC NO: 2015/10/02 DRWN: JBADER CHKD: MMANGARUDOV APPR: SSTEINKE DATE: 2015/10/02 DATE: 2015/11/16	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
					mm	INCH	DRAWN BY MMANGARUDOV	DATE 2010/05/07	TITLE GIGABIT MAGNETIC JACK 2X4 LED	
				4 PLACES	± ---	± ---	CHECKED BY JBADER	DATE 2010/05/10		
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				2 PLACES	± 0.25	± ---	MATERIAL NO.	DOCUMENT NO.		
				1 PLACE	± 0.5	± ---	ANGULAR ± .5 °		SD-85727-001	SHEET NO. 4 OF 4
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			