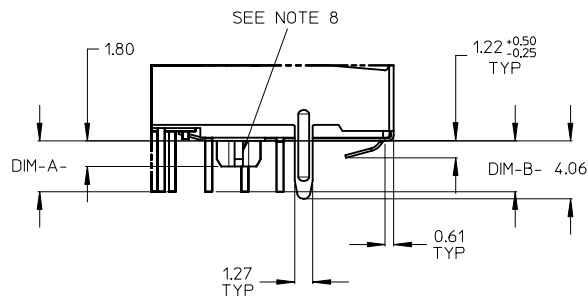
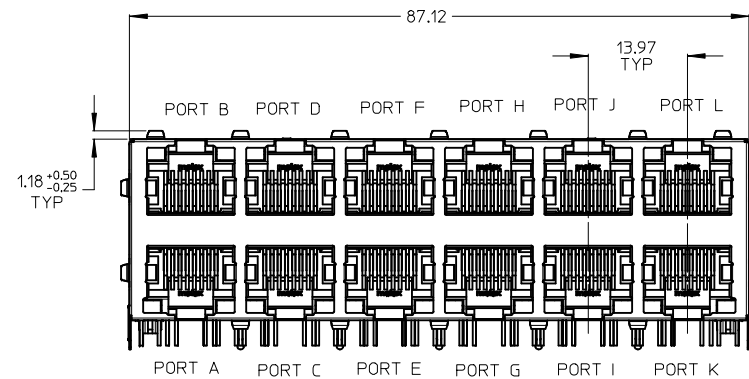
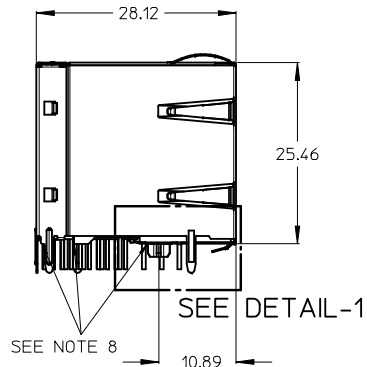
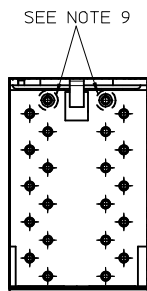


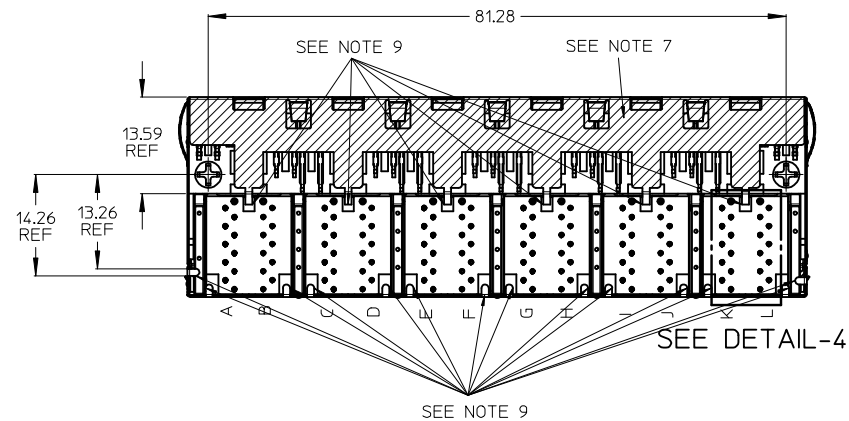
GIGABIT MAGNETIC JACK 2x6 LED



DETAIL-1
SCALE 4:1



DETAIL-4
SCALE 4:1



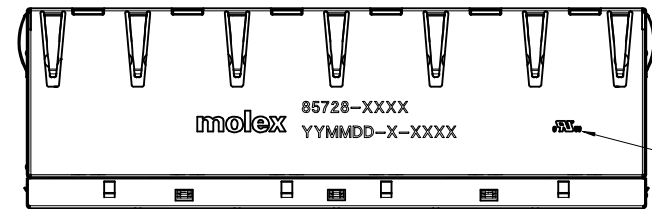
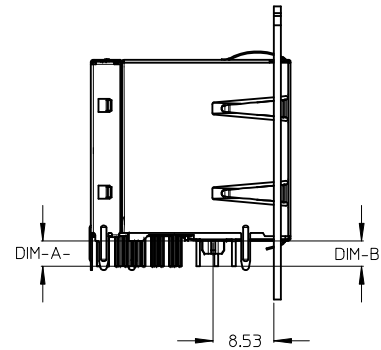
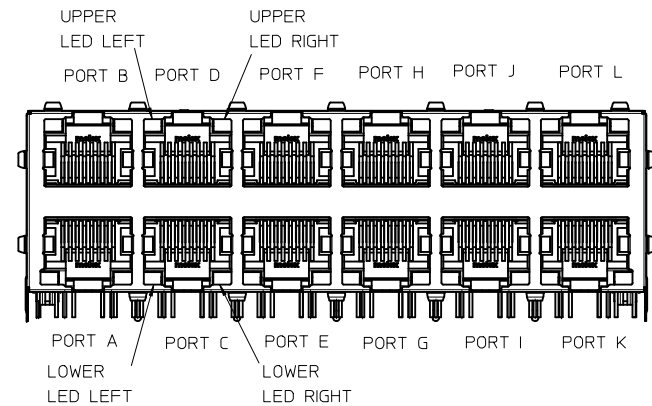
NOTES:

- 1 - SHIELD MATERIAL: BRASS, PLATING: NICKEL PRE-PLATING
- 2 - PLASTIC MATERIAL: POLYESTER (PBT), BLACK, 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-85728-001
- 7 - TRACES WITHOUT INSULATION NOT ALLOWED IN THE DASHED AREAS.
(TO AVOID SHORTS TO SHIELD)
- 8 - STAND OFF TO SYSTEM BOARD
- 9 - STUB PINS AND SHIELD LATCHES; AVOID TO ROUTE TRACES OR TO PLACE ANY VIAS OR PADS BELOW THESE PINS
- 10 - FOR MAGNETIC AND LED INFORMATI SEE SPEC PS-85728-001

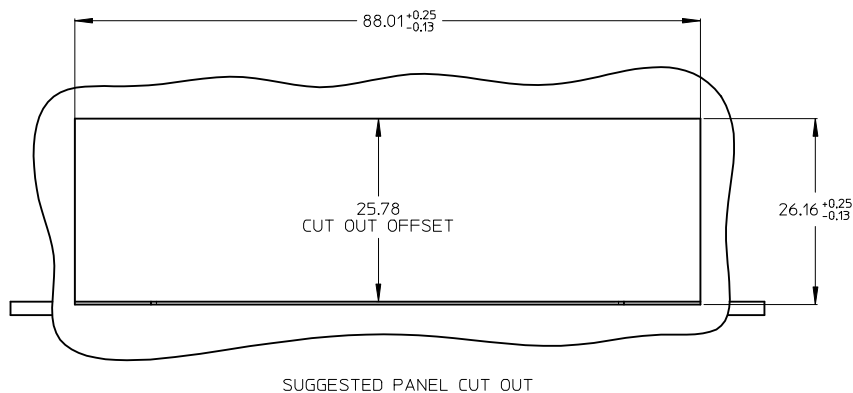
NO CHANGE	EC NO: 2015/10/05 DRWN:JBADER CHKD:MMANGARUDOV 2015/10/05 APPR:SSTEINKE 2016/04/21	DESCRIPTION	REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
						mm	INCH	DRAWN BY MMANGARUDOV	DATE 2010/03/19	TITLE GIGABIT MAGNETIC JACK 2X6 LED MOLEX INCORPORATED		
					4 PLACES	± ---	± ---	CHECKED BY JBADER	DATE 2010/03/22			
					3 PLACES	± ---	± ---	APPROVED BY SSTEINKE	DATE 2010/05/11			
					2 PLACES	± 0.25	± ---	MATERIAL NO.	DOCUMENT NO.			
					1 PLACE	± 0.5	± ---	SEE SHEET 3	SD-85728-001			
					ANGULAR ± 1 °			SHEET NO. 1 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							



ib_frame_A2_P_AM_T
Rev. E 2006/04/15



SEE NOTE 3



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
85728-1001	COLOUR 1	GREEN	COLOUR 1	GREEN	3,56	3,56
85728-1002	COLOUR 1	GREEN	COLOUR 1	GREEN	3,56	3,56
85728-1003	COLOUR 2	ORANGE			3,56	3,56
85728-1004	COLOUR 1	GREEN	COLOUR 1	GREEN	3,56	3,56
85728-1006	COLOUR 2	ORANGE	COLOUR 2	ORANGE	3,56	3,56
85728-1008	COLOUR 1	GREEN	COLOUR 1	GREEN	3,56	3,56
85728-1010	COLOUR 2	YELLOW	COLOUR 2	YELLOW	3,56	3,56
85728-1012	COLOUR 1	YELLOW	COLOUR 1	YELLOW	3,56	3,56
85728-1013	COLOUR 2	GREEN	COLOUR 2	GREEN	3,56	3,56
85728-1014	COLOUR 1	YELLOW	COLOUR 1	GREEN	3,56	3,56
85728-1016	COLOUR 1	GREEN	COLOUR 1	GREEN	3,56	3,56

85728-3001	COLOUR 1	GREEN	COLOUR 1	GREEN	2,2	3,56
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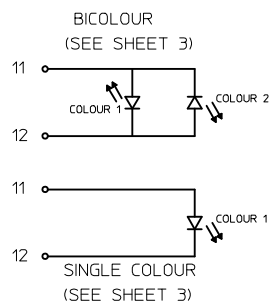
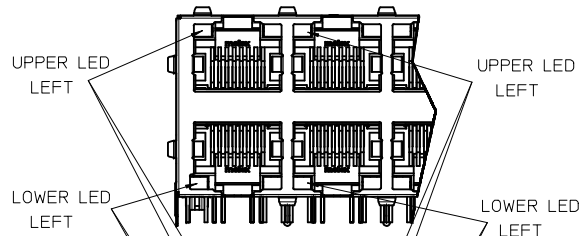
85728-4001	COLOUR 1	GREEN	COLOUR 1	GREEN	2,5	3,56
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ADDITIONAL LED COLOURS AND CONFIGURATIONS
AVAILABLE ON REQUEST

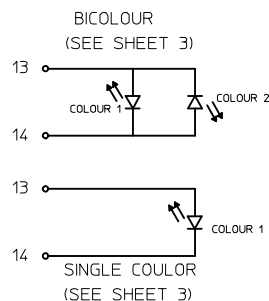
- NOTES:
- 1 - PRINTING MARKED BY LASER
 - 2 - INSCRIPTION:
1st LINE: PART NUMBER
2nd LINE: DATE CODE (YEAR,MONTH,DAY) - MANUFACTURER ID - COSECUTIVE NUMBER
3 - UL LOGO

NEW P/N 85728-4001 EC NO: 2015/10/05 DRWN: JBADER 2015/10/05 CHKD: MMANGARUDOV 2015/10/05 APPR: SSTEINKE 2016/04/21	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY MMANGARUDOV	DATE 2010/03/19	TITLE GIGABIT MAGNETIC JACK 2X6 LED					
			4 PLACES	± ---	± ---	CHECKED BY JBADER	DATE 2010/03/22	MOLEX INCORPORATED					
			3 PLACES	± ---	± ---								
			2 PLACES	± 0.25	± ---	APPROVED BY SSTEINKE	DATE 2010/05/11	SD-85728-001					
			1 PLACE	± 0.5	± ---								
			ANGULAR ± 1 °			MATERIAL NO.		DOCUMENT NO.		SHEET NO. 3 OF 4			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE BOM		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
						SIZE A2							

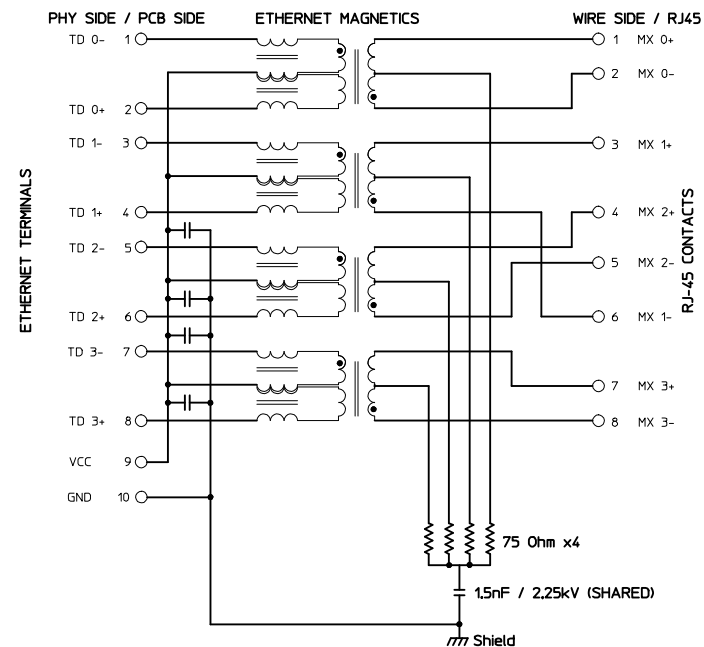
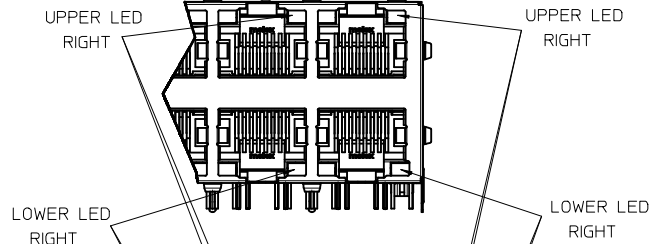
13 12 11 10 9 8 7 6 5 4 3 2 1



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 SIGNAL
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: 2015/10/05 TDRWN:JBADER CHKD:MMANGARDOV 2015/10/05 APPR:SSTEINKE 2016/04/21	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY MMANGARDOV	DATE 2010/03/19	TITLE GIGABIT MAGNETIC JACK 2X6 LED MOLEX INCORPORATED	
			4 PLACES	± ---	± ---	CHECKED BY JBADER	DATE 2010/03/22		
			3 PLACES	± ---	± ---				
			2 PLACES	± 0.25	± ---				
			1 PLACE	± 0.5	± ---	APPROVED BY SSTEINKE	DATE 2010/05/11		
			ANGULAR ± 1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 3		SD-85728-001		4 OF 4
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

12 11 10 9 8 7 6 5 4 3 2 1