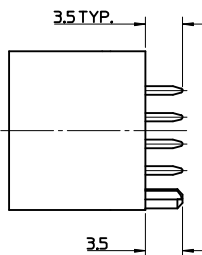
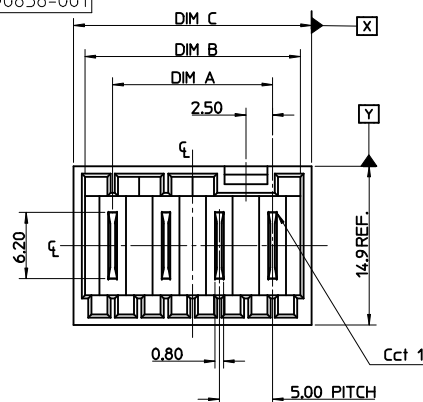
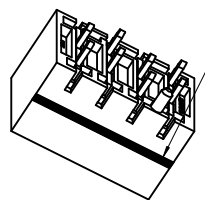
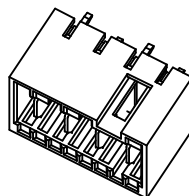
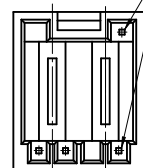


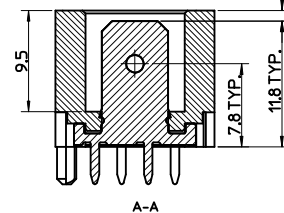
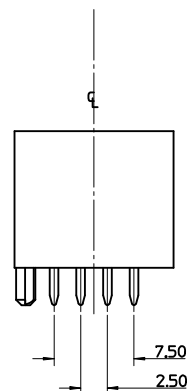
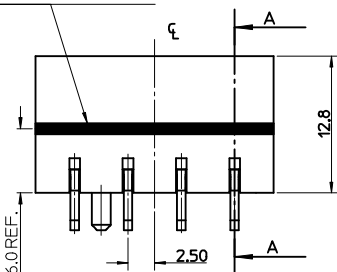
EM-90858-001

PCB PIN POLARISATION
OPTION A AND B

COLOUR STRIPE OPTION

HOLE ON SOME
TOOLED VERSIONS

COLOUR STRIPE OPTION



CCT	DIM A	DIM B	DIM C	TOL
2	5.00	10.20	12.30	+/-0.30
3	10.00	15.20	17.30	
4	15.00	20.20	22.30	
5	20.00	25.20	27.30	
6	25.00	30.20	32.30	
7	30.00	35.20	37.30	
8	35.00	40.20	42.30	
9	40.00	45.20	47.30	
10	45.00	50.20	52.30	
11	50.00	55.20	57.30	
12	55.00	60.20	62.30	

NOTES:

1. MATERIALS

- HOUSING: PA 66, UL94 V-2 HALOGEN FREE
 TERMINAL: BRASS 0.80REF. THICK
 PLATING: OPTIONAL (SEE CHARTS SHEET 2)
 TIN PLATING OPTION : 34µm TIN OVER
 127µm NICKEL ALL AREAS.
 SELECTIVE SILVER
 CONTACT AREA : 24µm SILVER OVER 127µm
 NICKEL. ALL OTHER AREAS FLASH OF SILVER 0.10µm
 2. PRODUCT CONFORMS TO SPECIFICATION PS-99020-0037/39
 3. MATES WITH MOLEX 91338, 90833, 90835, 91777,
 91778, 91779, 91954 & 92000.

4. SEE PACKAGING SPECIFICATION PK-90858-001
TWO PACKAGING OPTIONS

- *A* LOOSE IN POLYBAGS IN SHIPPING CARTON
 B IN TUBES IN SHIPPING CARTON
 SEE TABLES IN FOLLOWING SHEETS FOR PACKAGING TYPE
 FOR EACH PART NUMBER

5. PLATED THRU HOLE
 6. NON-PLATED THRU HOLE
 7. RECOMMENDED PCB THICKNESS: 1.4±0.1mm
 8. PCB VIEW IS FROM SOLDER SIDE

PLATING SPEC CHANGE
 EC NO: IFC2013-1606
 DRAWING NO: IFC2013-1606
 CHKD: APPR: STGB
 DATE: 2013/06/10

QUALITY
 SYMBOLS
 ▽=0
 ▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±0.1	±---
1 PLACE	±0.2	±---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE
 MUST REMAIN
 WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
B. RUTTLE	2006/10/04
CHECKED BY	DATE
T. TOURSH	2006/10/04
APPROVED BY	DATE
BMAGUIRE	2011/02/07

MATERIAL NO.
 SEE SHEET 2
 SIZE A2
 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
 INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE
1:1

DESIGN UNITS
METRIC

DOCUMENT NO.
 SD-93319-001

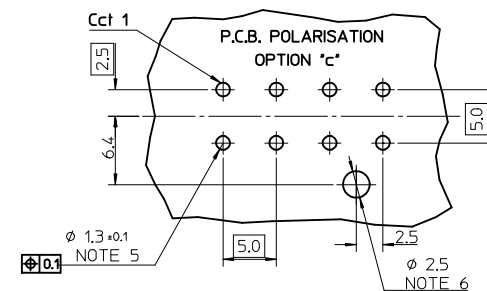
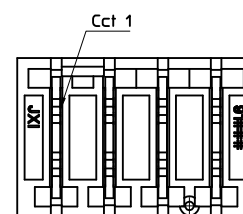
THIRD ANGLE
PROJECTION

RAST 5 VERT HDR
 PA 66 HOUSING
 HALOGEN FREE
 MOLEX MOLEX INCORPORATED

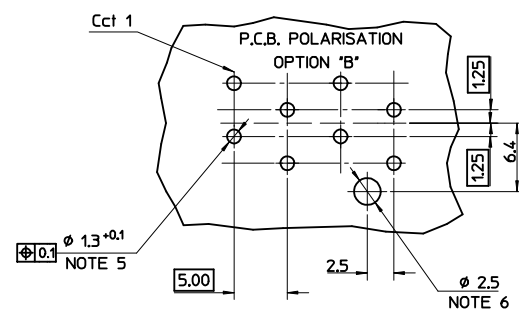
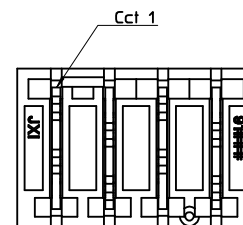
SHEET NO.
 1 OF 2

OPTION "C"

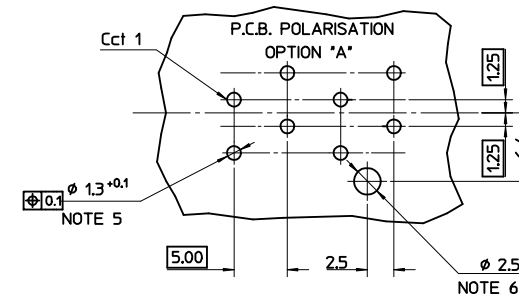
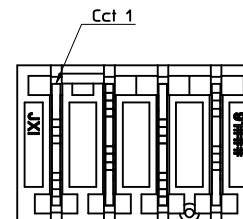
PCB LAYOUT



OPTION "B"

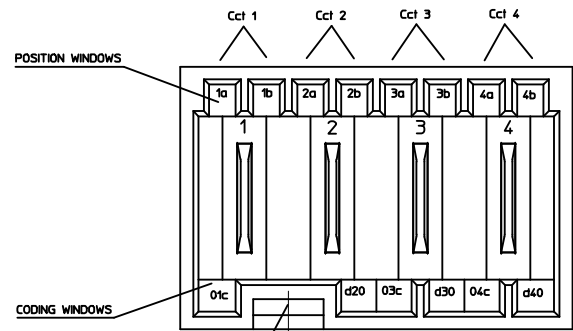


OPTION "A"



4 CIRCUIT

4 CIRCUIT										SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS				COLOUR STRIPE
PART NO. (TIN)	TERM NO. (TIN)	MOLEX HOUSING NO.	COLOUR	UNBLOCKED POSITION KEYS	UNBLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERMINAL VOID CKT	TERM NO. (SILVER)	PART NO. (SILVER)	P.C.B. OPTION	PACKAGING OPTION *		
93319-1254	91703-0002	93318-2000	NATURAL	1b	03c d40	1/2 3/4		NONE	91703-0003	93319-1999	A	A	NONE	



NOTES:
* SEE SHEET 1 NOTE 4

SEE SHEET 1 EC NO: PG2013-1606 DRAWN: BMOSULL/VAN012013/04/19 CHKD: APPR: STGRIF/IN 2013/06/10	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	mm	INCH	DRAWN BY	DATE	TITLE		
	▽=0	4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	B. RUTILE	2006/10/04	RAST 5 VERT HDR		
		2 PLACES ± 0.1 ± ---	1 PLACE ± 0.2 ± ---	CHECKED BY	DATE	PA 66 HOUSING		
				T. TOURSH	2006/10/04	HALOGEN FREE		
REV	DESCRIPTION	ANGULAR ± 2 °		APPROVED BY	DATE	MOLEX INCORPORATED		
				BMAGUIRE	2011/02/07	DOCUMENT NO.		SHEET NO.
		DRAFT WHERE APPLICABLE		MATERIAL NO.		SD-93319-001		2 OF 2
		MUST REMAIN WITHIN DIMENSIONS		SEE CHART				
SIZE A1 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								