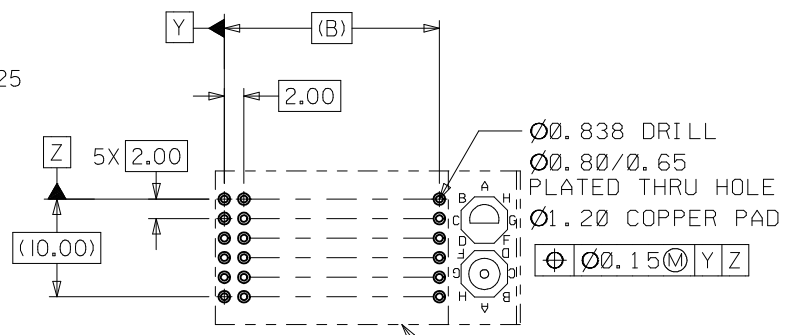
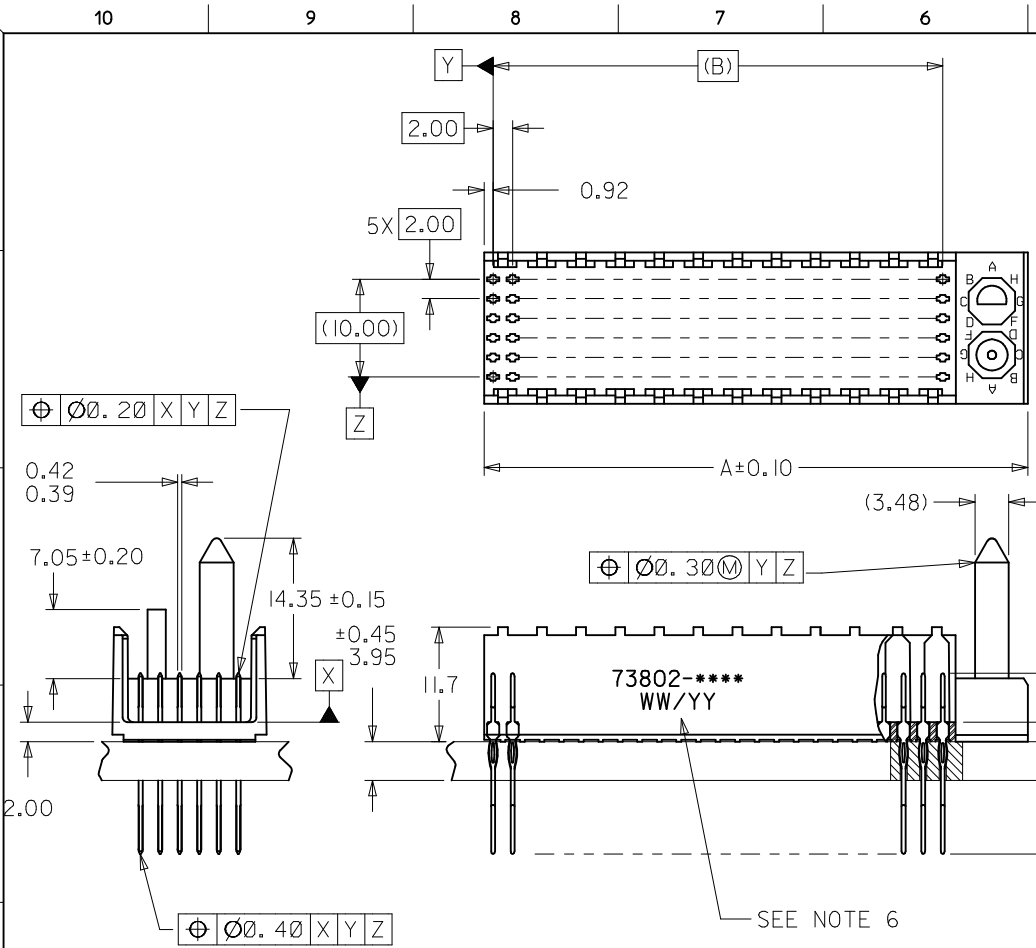


MATERIAL NUMBER	NUMBER OF CONTACTS	DIM "A"	DIM "B"	DIM "M"	PLATING
73802-00**	72	31.6	22.00	5.00	GOLD/GOLD FLASH
73802-02**	72	31.6	22.00	6.00	GOLD/GOLD FLASH
73802-10**	144	55.6	46.00	5.00	GOLD/GOLD FLASH
73802-12**	144	55.6	46.00	6.00	GOLD/GOLD FLASH
73802-20**	72	31.6	22.00	5.00	*GOLD/MATTE TIN
73802-22**	72	31.6	22.00	6.00	*GOLD/MATTE TIN
73802-30**	144	55.6	46.00	5.00	*GOLD/MATTE TIN
73802-32**	144	55.6	46.00	6.00	*GOLD/MATTE TIN

*FORMERLY TIN/LEAD



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 3.95±0.45

NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL 94V-0, COLOR: BLACK.
TERMINAL - PHOSPHOR BRONZE.
2. FINISH: SELECTIVE GOLD (Au) IN CONTACT AREA, 0.76 MICROMETERS MINIMUM THICKNESS;
NICKEL (Ni) AND GOLD FLASH OVERALL.
SELECTIVE GOLD (Au) IN CONTACT AREA, 0.76 MICROMETERS MINIMUM THICKNESS;
SELECTIVE MATTE TIN (Sn) ON IN TAIL AREA.
NICKEL (Ni) OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-73780-9999.
4. FOR MIXED CONTACT MATING LENGTHS, CONSULT FACTORY FOR AVAILABILITY.
5. PACKAGE PER 70873-0818.
6. PARTS MARKED WITH PART NUMBER AND DATE CODE ON EITHER SIDE,
APPROXIMATELY WHERE SHOWN.

LEAD FREE CONVERSION	DESCRIPTION
EC NO: UCP2013-3253	DRWN:RWHIPPLE 2013/02/05
	CHKD:MWOLFE 2013/02/05
	APPR:SMILLER 2013/08/05
REV	

QUALITY SYMBOLS	ANGULAR ±1/2°
▽=0	DRAFT WHERE APPLICABLE
▽=0	MUST REMAIN WITHIN DIMENSIONS
▽=0	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± --- ± ---	
3 PLACES ± --- ± ---	
2 PLACES ± 0.05 ± ---	
1 PLACE ± 0.10 ± ---	
0 PLACE ± --- ± ---	

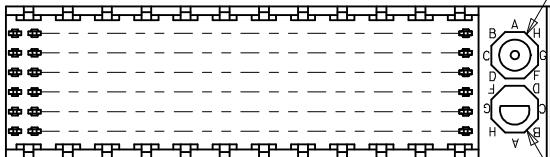
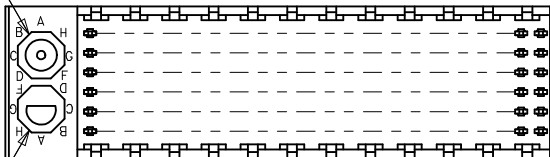
DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
RWHIPPLE	2013/02/05
CHECKED BY	DATE
SREED	97/05/19
APPROVED BY	DATE
SMILLER	2013/08/05

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
2:1	METRIC	
SALES ASSEMBLY HDM DOUBLE-END MIDPLANE POLAR/GUIDE OPTION		
molex		
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-73802-001	1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

10 9 8 7 6 5 4 3 2 1

LOCATION A

LOCATION B



LOCATION B

REF. MATERIAL NUMBER 73802-1009
GUIDE PIN IS IN LOCATION A
POLARIZING KEY IS IN LOCATION B, POSITION E

REF. MATERIAL NUMBER 73802-1008
GUIDE PIN IS IN LOCATION B
POLARIZING KEY IS IN LOCATION A, POSITION E

LOCATION A

MATERIAL NUMBER ASSIGNMENT

73802- * * * *

- 0 = 72-CIRCUIT, GOLD/GOLD FLASH
- 1 = 144-CIRCUIT, GOLD/GOLD FLASH
- 2 = 72-CIRCUIT, *GOLD/MATTE TIN
- 3 = 144-CIRCUIT, *GOLD/MATTE TIN

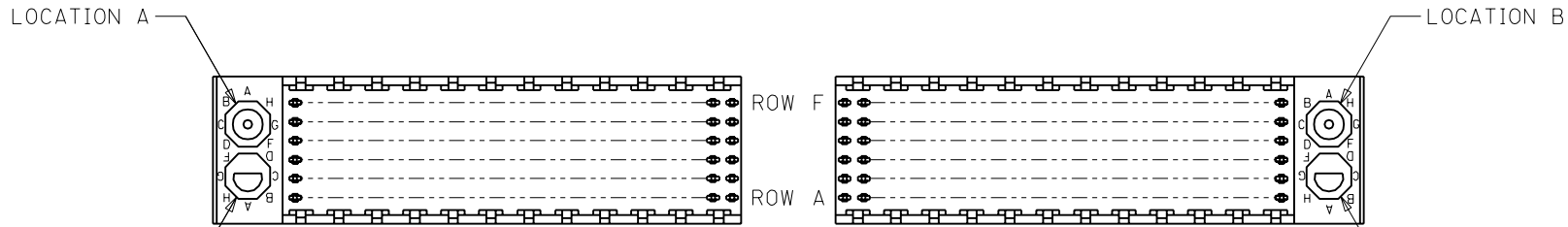
*FORMERLY TIN/LEAD

- 0 = 5.00 MATING LENGTH
- 1 = RESERVED
- 2 = 6.00 MATING LENGTH

NUMBER	GUIDE POST LOCATION	POLAR KEY POSITION
00	B	
01	A	A
02	B	
03	A	B
04	B	
05	A	C
06	B	
07	A	D
08	B	
09	A	E
10	B	
11	A	F
12	B	
13	A	G
14	B	
15	A	H
16	B	
17	A	N/A
18	N/A	

SEE SHEET 1 EC NO: UCP2013-3253 DRAWN BY: RWHIPPLE 2013/02/05 CHKD: MWOLFE 2013/02/05 APPR: SMILLER 2013/08/05	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla = 0$ $\nabla = 0$ $\nabla = 0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.05 ± --- 1 PLACE ± 0.10 ± --- 0 PLACE ± --- ± ---	MM ONLY	1:1	METRIC	
	DESCRIPTION	ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: RWHIPPLE DATE: 2013/02/05 CHECKED BY: SREED DATE: 97/05/19 APPROVED BY: SMILLER DATE: 2013/08/05	TITLE		SALES ASSEMBLY HDM DOUBLE-END MIDPLANE POLAR/GUIDE OPTION
	REV		MATERIAL NO.	SEE CHART	DOCUMENT NO.	SD-73802-001

9 8 7 6 5 4 3 2 1



REF. MATERIAL NUMBER 73802-1009
 GUIDE PIN IS IN LOCATION A
 POLARIZING KEY IS IN LOCATION B, POSITION E

REF. MATERIAL NUMBER 73802-1008
 GUIDE PIN IS IN LOCATION B
 POLARIZING KEY IS IN LOCATION A, POSITION E

MATERIAL NUMBER ASSIGNMENT

73802- * * * *

- 0 = 72-CIRCUIT, GOLD/GOLD FLASH
- 1 = 144-CIRCUIT, GOLD/GOLDFLASH
- 2 = 72-CIRCUIT, GOLD/TIN-LEAD
- 3 = 144-CIRCUIT, GOLD/TIN-LEAD

- 0 = 5.00 MATING LENGTH
- 1 = RESERVED
- 2 = 6.00 MATING LENGTH

NUMBER	GUIDE POST LOCATION	POLAR KEY POSITION
00	B	A
01	A	A
02	B	B
03	A	B
04	B	C
05	A	C
06	B	D
07	A	D
08	B	E
09	A	E
10	B	F
11	A	F
12	B	G
13	A	G
14	B	H
15	A	H
16	B	N/A
17	A	N/A
18	N/A	N/A

SEE SHEET 1 EC NO. UDT2000-0277 DRWN:JBINGHAM 99/09/21 CHK: REED 99/09/21 APPR:CBIXLER 99/09/21	DESCRIPTION MAJOR $\nabla = 0$ CRITICAL $\nabla C = 0$	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)	SCALE NO: NE <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	DIMENSIONS: <input type="checkbox"/> mm <input type="checkbox"/> INCH <input checked="" type="checkbox"/> mm ONLY	SHT REV
		DRAWN BY & DATE JBINGHAM 97/05/19	CHECKED BY & DATE SREED 97/05/19	APPROVED BY & DATE CBIXLER 97/05/19	CAD FILENAME S73802X2.DGN	TITLE: SALES ASSEMBLY HDM DOUBLE-END MIDPLANE POLAR/GUIDE OPTION	MATERIAL NO. SEE CHART
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					SIZE B