

F

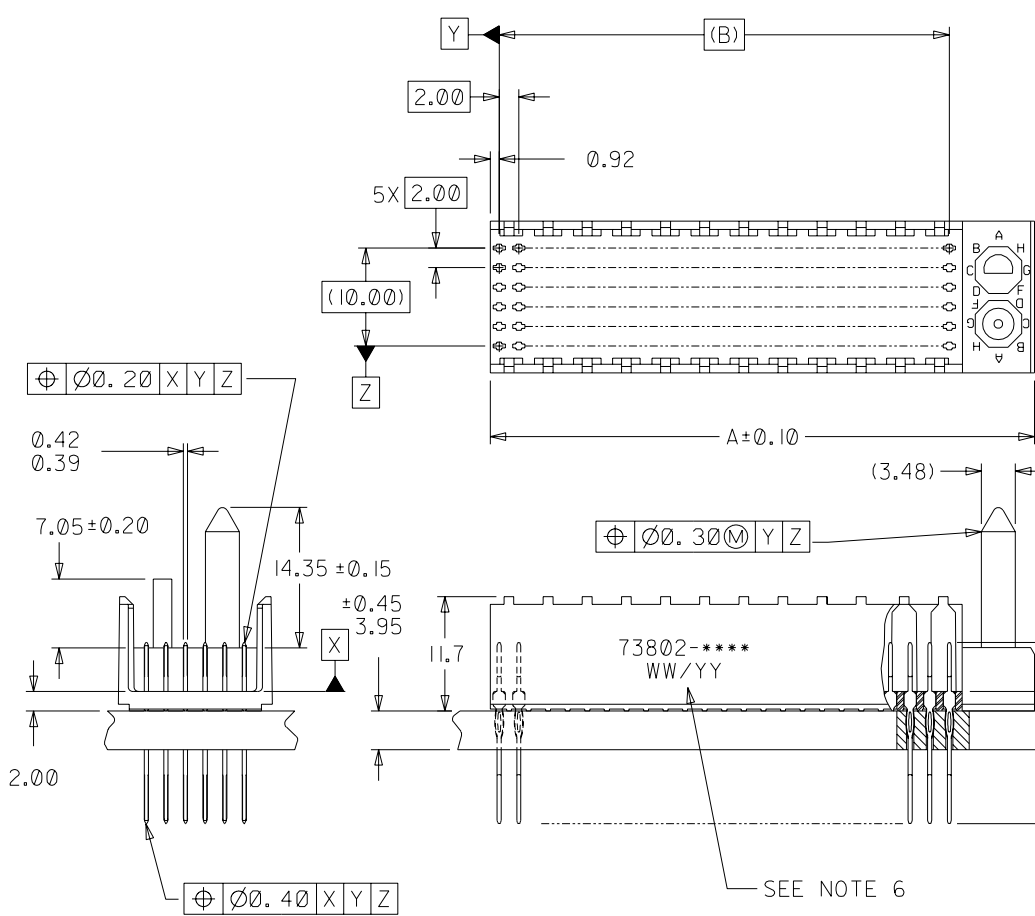
E

D

C

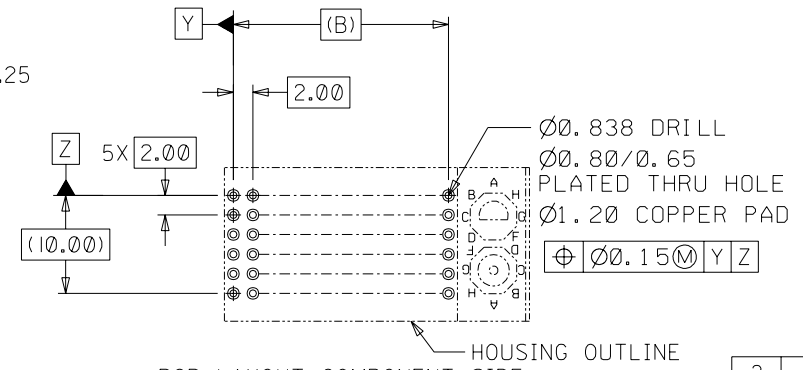
B

A



NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0, COLOR: BLACK, TERMINAL - PHOSPHOR BRONZE.
2. FINISHES: SELECTIVE GOLD (Au) IN CONTACT AREA, 0.00076mm MINIMUM THICKNESS; NICKEL (Ni) AND GOLD FLASH OVERALL SELECTIVE GOLD (Au) IN CONTACT AREA, 0.00076mm MINIMUM THICKNESS; SELECTIVE TIN/LEAD (Sn/Pb) IN COMPLIANT AREA; NICKEL (Ni) OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-73780-999.
4. FOR MIXED CONTACT MATING LENGTHS, CONSULT FACTORY FOR AVAILABILITY.
5. PACKAGE PER PK-70873-0868.
6. PARTS MARKED WITH PART NUMBER AND DATE CODE, ON EITHER SIDE, APPROXIMATELY WHERE SHOWN.



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

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/TIN-LEAD
73802-22**	72	31.6	22.00	6.00	GOLD/TIN-LEAD
73802-30**	144	55.6	46.00	5.00	GOLD/TIN-LEAD
73802-32**	144	55.6	46.00	6.00	GOLD/TIN-LEAD

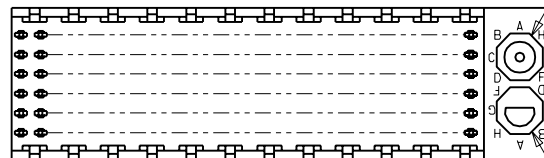
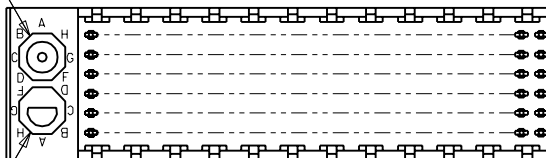
REV	DESCRIPTION
REVISD	EC NO:UCP2004-1438
	DRWN:JBINGHAM 04/02/04
	CHK: REED 04/02/04
	APPR:BIXLER 04/02/04
H	

GENERAL TOLERANCES: (UNLESS SPECIFIED)	SCALE 2 : 1	DESIGN UNITS ☒ mm ☐ INCH
4 PLACES ±0.1	mm	INCH
3 PLACES ±0.1	mm	INCH
2 PLACES ±0.05	mm	INCH
1 PLACE ±0.10	mm	INCH
ANGULAR: ± 1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

TITLE:	SALES ASSEMBLY HDM DOUBLE-END MIDPLANE POLAR/GUIDE OPTION
MATERIAL NO.	SD-73802-001
DRAWING NO.	SD-73802-001
SHEET NO.	1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	

LOCATION A

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

MATERIAL NUMBER ASSIGNMENT

73802- * * * *

0 = 72-CIRCUIT, GOLD/GOLD FLASH
1 = 144-CIRCUIT, GOLD/GOLD FLASH
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	
02	B	B
03	A	
04	B	C
05	A	
06	B	D
07	A	
08	B	E
09	A	
10	B	F
11	A	
12	B	G
13	A	
14	B	H
15	A	
16	B	N/A
17	A	
18	N/A	

SEE SHEET 1 EC NO: UDT2000-0277 DRWN: BINGHAM 99/09/21 CHK: REED 99/09/21 APPR: CBIXLER 99/09/21 F	DESCRIPTION REV	QUALITY SYMBOLS MAJOR ∇ = 0 CRITICAL ∇ = 0	GENERAL TOLERANCES: (UNLESS SPECIFIED) mm INCH 4 PLACES $\pm 0.$ $\pm.$ 3 PLACES $\pm 0.$ $\pm.$ 2 PLACES $\pm 0.$ N/A $\pm.$ 1 PLACE $\pm 0.$ N/A $\pm.$ ANGULAR: $\pm$ 1/2°	SCALE NO: NE DESIGN UNITS ☒ mm ☐ INCH 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	DIMENSIONS: ☐ mm ☐ INCH ☒ mm ONLY THIRD ANGLE PROJECTION		SHT REV
		TITLE: SALES ASSEMBLY HDM DOUBLE-END MIDPLANE POLAR/GUIDE OPTION			MATERIAL NO. SEE CHART DRAWING NO. SD-73802-001 SHEET NO. 2		
		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		