

F

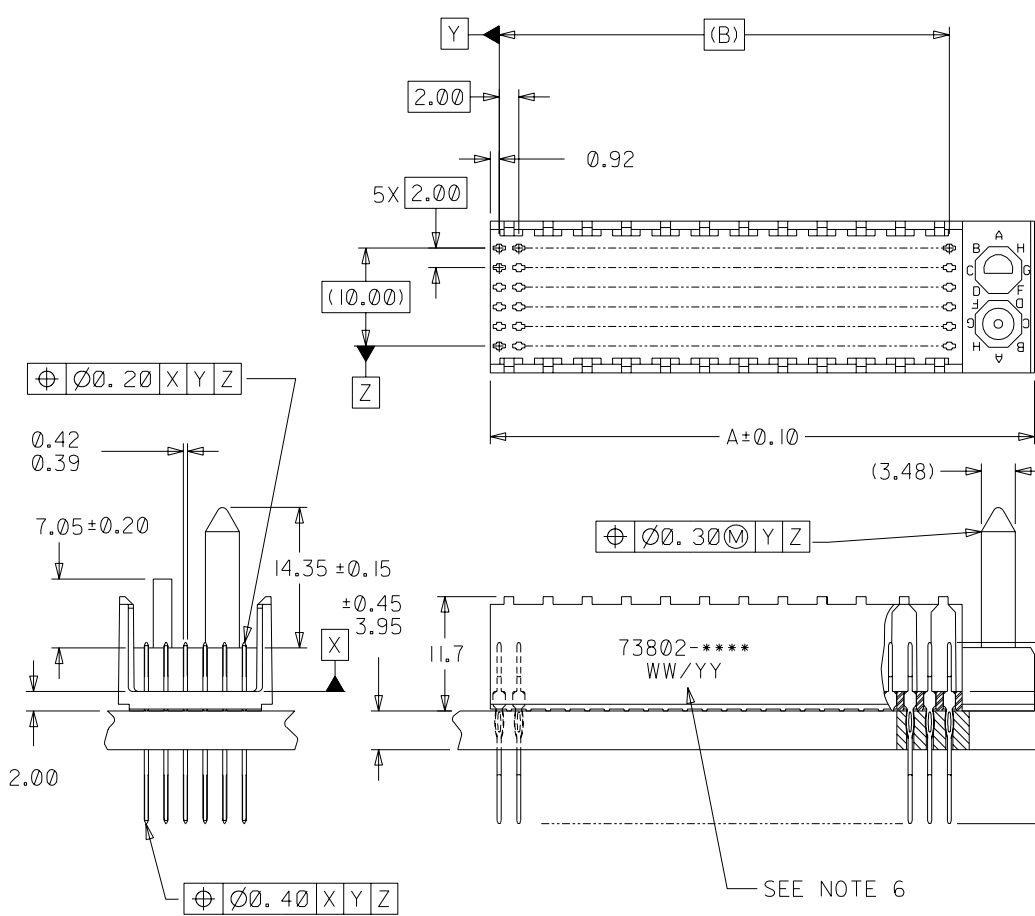
E

D

C

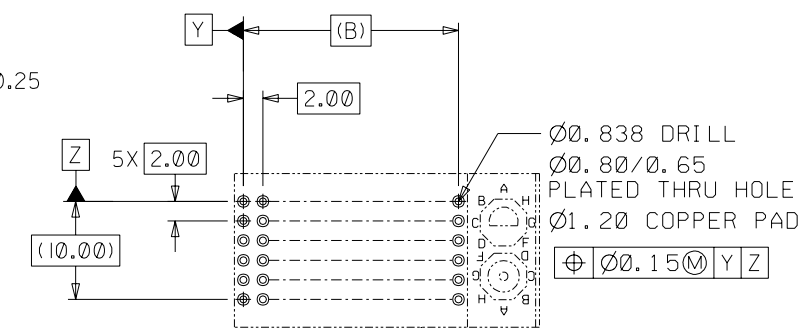
B

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

REVISED
EC NO: JCP2004-1438
DRWN: BINGHAM 04/02/04
CHK: REED 04/02/04
APPR: BIXLER 04/02/04
H

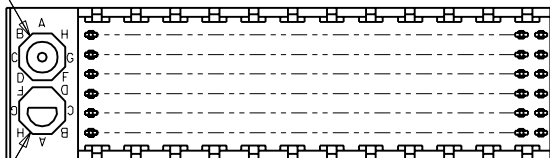
QUALITY SYMBOLS
MAJOR
CRITICAL
C=0

GENERAL TOLERANCES: (UNLESS SPECIFIED)
SCALE 2 : 1
DESIGN UNITS
THIRD ANGLE PROJECTION
DRAWN BY & DATE
JBINGHAM 97/05/19
CHECKED BY & DATE
SREED 97/05/19
APPROVED BY & DATE
CBIXLER 97/05/19
CAD FILENAME
S73802X1.DGN
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

TITLE:
SALES ASSEMBLY
HDM DOUBLE-END MIDPLANE
POLAR/GUIDE OPTION
MOLEX INCORPORATED

DIMENSIONS:
mm INCH mm INCH
SHT REV
REVISE ON CAD ONLY
MATERIAL NO.
DRAWING NO.
SHEET NO.
1 OF 2
SIZE B

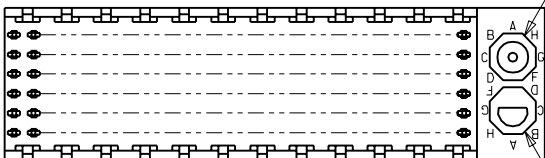
LOCATION A



ROW F

ROW 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/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

DESCRIPTION
REV
MAJOR
CRITICAL

GENERAL TOLERANCES:
(UNLESS SPECIFIED)
mm INCH
4 PLACES ±0. ±.
3 PLACES ±0. ±.
2 PLACES ±0. N/A ±.
1 PLACE ±0. N/A ±.
ANGULAR: ± 1/2°
DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

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

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