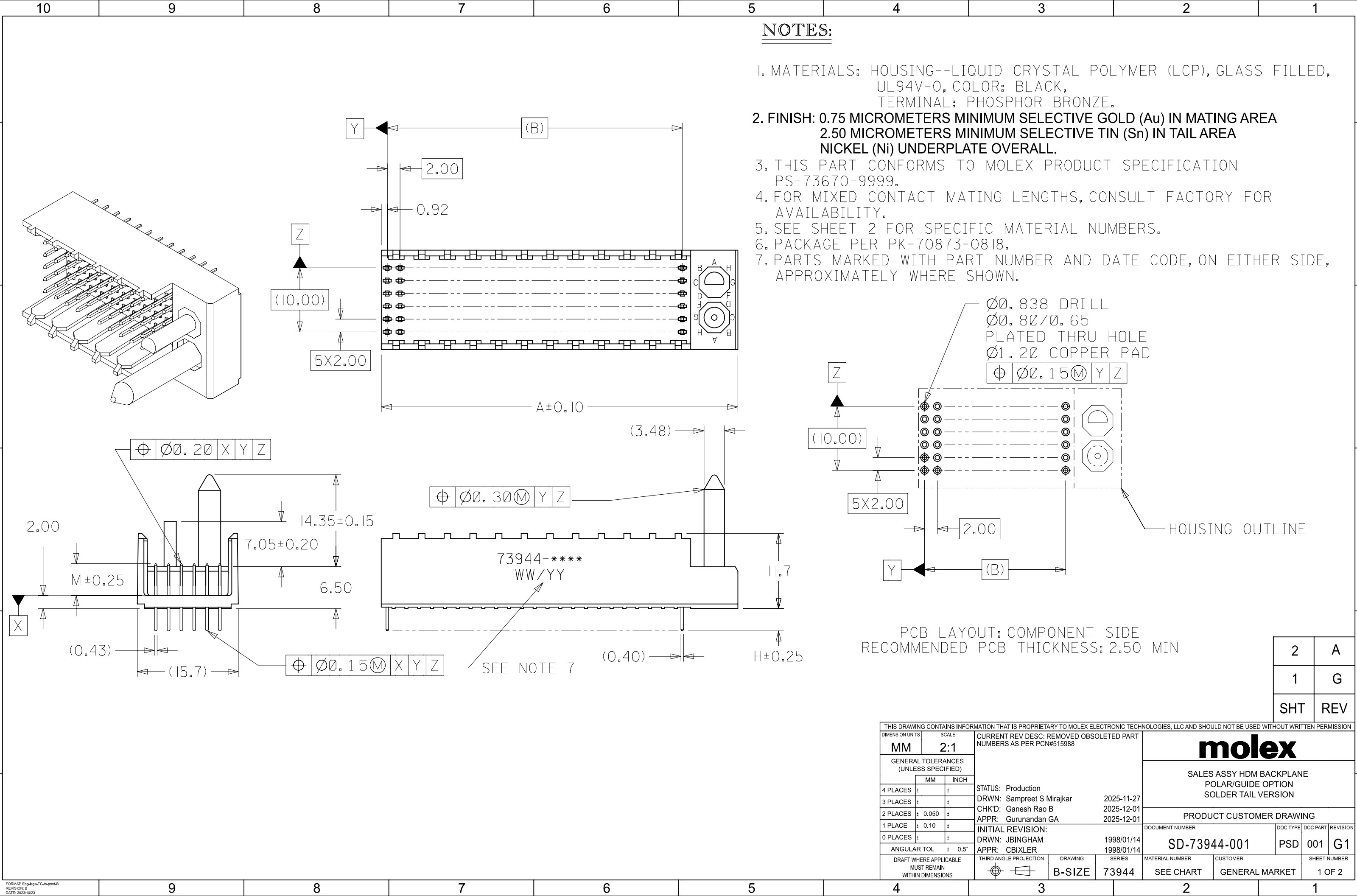


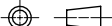


NOTES:

1. MATERIALS: HOUSING--LIQUID CRYSTAL POLYMER (LCP), GLASS FILLED, UL94V-0, COLOR: BLACK, TERMINAL: PHOSPHOR BRONZE.
2. FINISH: 0.75 MICROMETERS MINIMUM SELECTIVE GOLD (Au) IN MATING AREA
2.50 MICROMETERS MINIMUM SELECTIVE TIN (Sn) IN TAIL AREA
NICKEL (Ni) UNDERPLATE OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-73670-9999.
4. FOR MIXED CONTACT MATING LENGTHS, CONSULT FACTORY FOR AVAILABILITY.
5. SEE SHEET 2 FOR SPECIFIC MATERIAL NUMBERS.
6. PACKAGE PER PK-70873-0818.
7. PARTS MARKED WITH PART NUMBER AND DATE CODE, ON EITHER SIDE, APPROXIMATELY WHERE SHOWN.

PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 2.50 MIN

2	A
1	G
SHT	REV

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515988				molex			
MM		2:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)								SALES ASSY HDM BACKPLANE POLAR/GUIDE OPTION SOLDER TAIL VERSION			
	MM	INCH									
4 PLACES	±		±	STATUS: Production				PRODUCT CUSTOMER DRAWING			
3 PLACES	±		±	DRWN: Sampreet S Mirajkar 2025-11-27							
2 PLACES	±	0.050	±	CHK'D: Ganesh Rao B 2025-12-01							
1 PLACE	±	0.10	±	APPR: Gurunandan GA 2025-12-01				DOCUMENT NUMBER			
0 PLACES	±		±	INITIAL REVISION:				DOC TYPE			
ANGULAR TOL ± 0.5°				DRWN: JBINGHAM 1998/01/14				DOC PART			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				APPR: CBXILER 1998/01/14				REVISION			
				THIRD ANGLE PROJECTION				SD-73944-001			
				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
				B-SIZE		73944		SEE CHART		GENERAL MARKET	
										SHEET NUMBER	
										1 OF 2	

molex

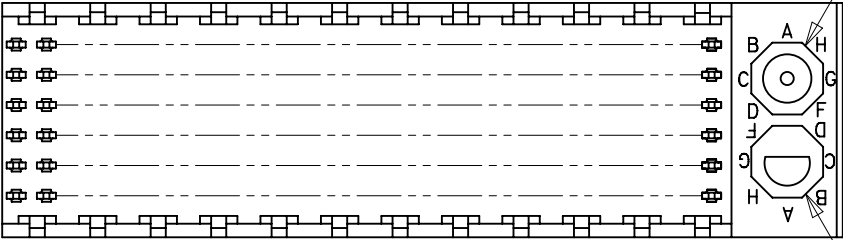
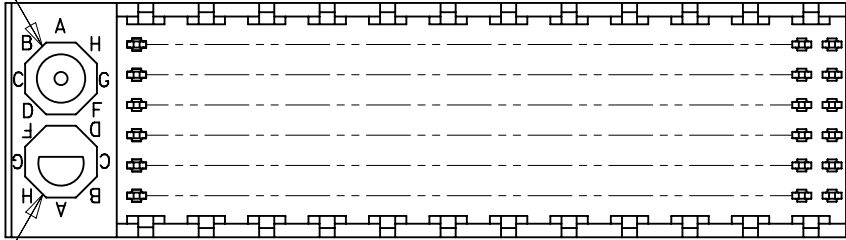
SALES ASSY HDM BACKPLANE
POLAR/GUIDE OPTION
SOLDER TAIL VERSION

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-73944-001	PSD	001	G1

LOCATION A

LOCATION B



REF. MATERIAL NUMBER 73944-1009
GUIDE PIN IS IN LOCATION A
POLARIZING KEY IS IN LOCATION B, POSITION E

REF. MATERIAL NUMBER 73944-1008
GUIDE PIN IS IN LOCATION B
POLARIZING KEY IS IN LOCATION A, POSITION E

MATERIAL NUMBER ASSIGNMENT

NUMBER	CIRCUIT SIZE	DIM "A"	DIM "B"	DIM "H"
0	72	31.60	22.00	2.00
1	144	55.60	46.00	2.00
2	72	31.60	22.00	2.50
3	144	55.60	46.00	2.50
4	72	31.60	22.00	3.00
5	144	55.60	46.00	3.00
7	144	55.60	46.00	3.50

NUMBER	DIM "M"
0	5.00
1	5.50
2	6.00

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	
17	A	
18	N/A	

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DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515988	
MM	2:1		
GENERAL TOLERANCES (UNLESS SPECIFIED)			
	MM		INCH
4 PLACES	±		±
3 PLACES	±	±	
2 PLACES	± 0.050	±	
1 PLACE	± 0.10	±	
0 PLACES	±	±	
ANGULAR TOL		± 0.5°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	

STATUS: Production		2025-11-27
DRWN: Sampreet S Mirajkar		
CHK'D: Ganesh Rao B		
APPR: Gurnandan GA		
INITIAL REVISION:		2025-12-01
DRWN: JBINGHAM		
APPR: CBIXLER		
998/01/14		2025-12-01
998/01/14		

SALES ASSY HDM BACKPLANE

POLAR/GUIDE OPTION

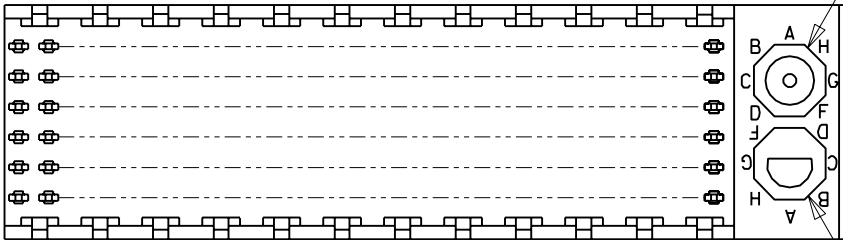
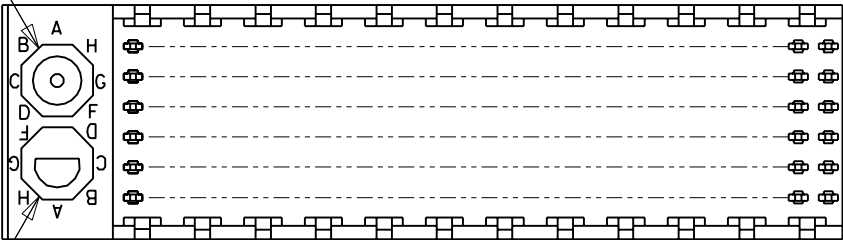
SOLDER TAIL VERSION

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-73944-001	PSD	001	G1
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
SEE CHART	GENERAL MARKET	2 OF 2	

LOCATION A

LOCATION B



LOCATION B

LOCATION A

REF. MATERIAL NUMBER 73944-1009
GUIDE PIN IS IN LOCATION A
POLARIZING KEY IS IN LOCATION B, POSITION E

REF. MATERIAL NUMBER 73944-1008
GUIDE PIN IS IN LOCATION B
POLARIZING KEY IS IN LOCATION A, POSITION E

MATERIAL NUMBER ASSIGNMENT

NUMBER	CIRCUIT SIZE	DIM "A"	DIM "B"	DIM "H"
0	72	31.60	22.00	2.00
1	144	55.60	46.00	2.00
2	72	31.60	22.00	2.50
3	144	55.60	46.00	2.50
4	72	31.60	22.00	3.00
5	144	55.60	46.00	3.00
6	72	31.60	22.00	3.50
7	144	55.60	46.00	3.50

73944- * * * *

NUMBER	DIM "M"
0	5.00
1	5.50
2	6.00

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. U81577
DRWN: BINGHAM 98/0203
CHK: REED 98/0203
APPR: BIXLER 98/0203

DESCRIPTION
REV

QUALITY SYMBOLS
MAJOR
CRITICAL

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

SCALE
2 : 1
DRAWN BY & DATE
JBINGHAM 98/01/14
CHECKED BY & DATE
SREED 98/01/14
APPROVED BY & DATE
CBIXLER 98/01/14
CAD FILENAME
S73944X2.DGN
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

DESIGN UNITS
mm INCH
THIRD ANGLE PROJECTION
TITLE: SALES ASSY, HDM BACKPLANE
POLAR/GUIDE OPTION
SOLDER TAIL VERSION
MOLEX INCORPORATED
MATERIAL NO.
DRAWING NO.
SHEET NO.

DIMENSIONS:
mm INCH mm ONLY
SHT
REV
REVISE ON CAD ONLY
SIZE
B