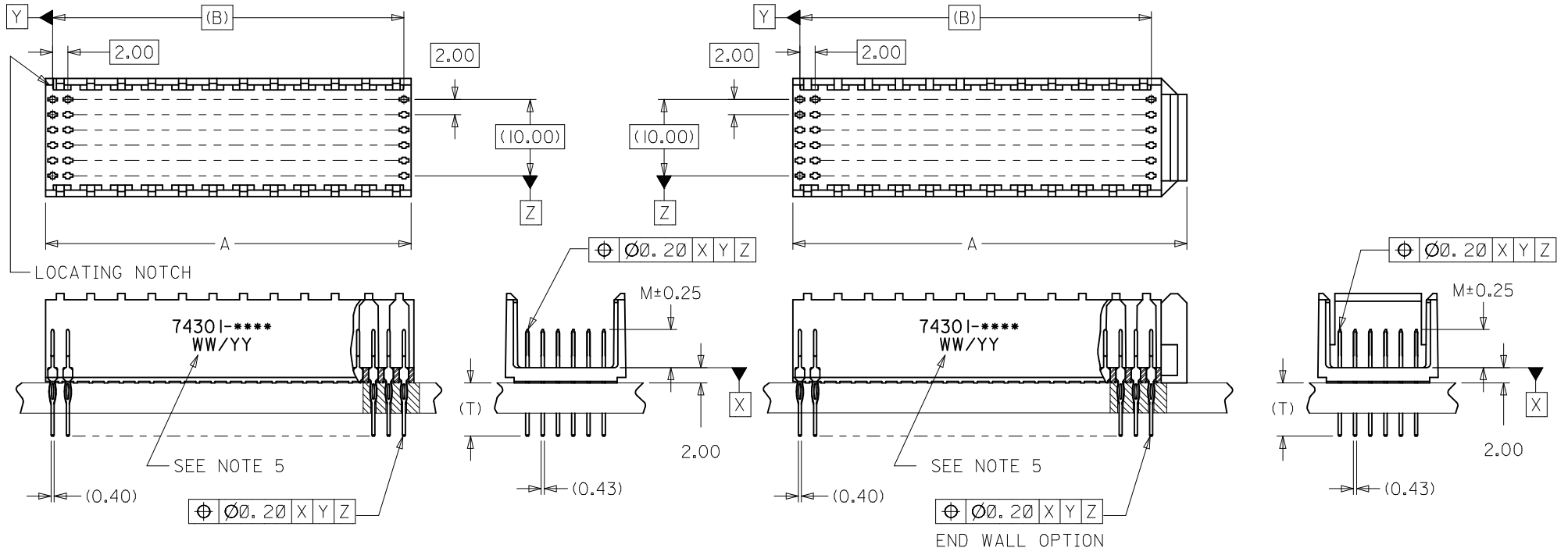


10 9 8 7 6 5 4 3 2 1

- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)  
GLASS-FILLED, UL 94V-0, COLOR: BLACK.  
CONTACT - PHOSPHOR BRONZE.
  2. FINISH: 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-73670-9999.
  4. PACKAGE PER 70873-0868.
  5. PARTS MARKED WITH PART NUMBER AND DATE CODE ON EITHER SIDE,  
APPROXIMATELY WHERE SHOWN.



OPEN END OPTION

END WALL OPTION

<b>LEAD FREE CONVERSION</b> EC NO: UCP2013-3253 DRAWN: RWHIPPLE 2013/02/05 CHKD: MWOLFE 2013/02/05 APPR: SMILLER 2013/08/05	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																		
		$\nabla F=0$ $\nabla E=0$ $\nabla D=0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.05</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.10</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.05	± ---	1 PLACE	± 0.10	± ---	0 PLACE	± ---	± ---	MM ONLY	2:1	METRIC	
			mm	INCH																					
		4 PLACES	± ---	± ---																					
3 PLACES	± ---	± ---																							
2 PLACES	± 0.05	± ---																							
1 PLACE	± 0.10	± ---																							
0 PLACE	± ---	± ---																							
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	mm	INCH																							
4 PLACES	± ---	± ---																							
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0 PLACE	± ---	± ---																							
		ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. <b>SEE CHART</b> SIZE B	DOCUMENT NO. SD-74301-001	SHEET NO. 1 OF 3																				

SALES ASSEMBLY,  
HDM BACKPLANE CONNECTOR,  
EXTENDED TAIL VERSION



10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

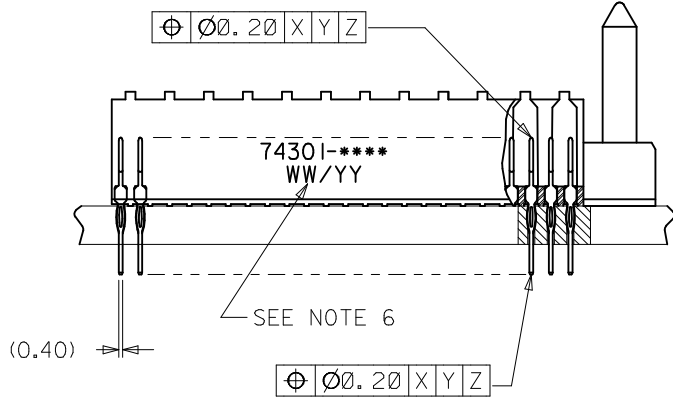
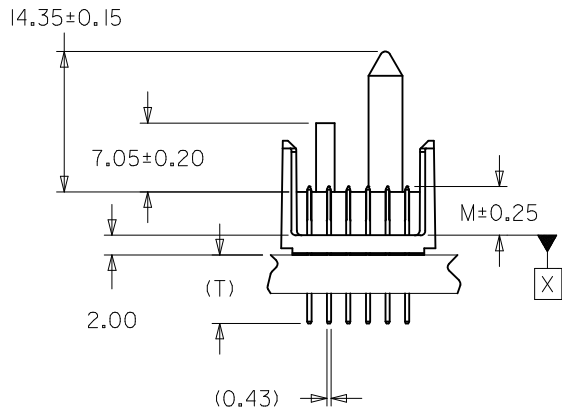
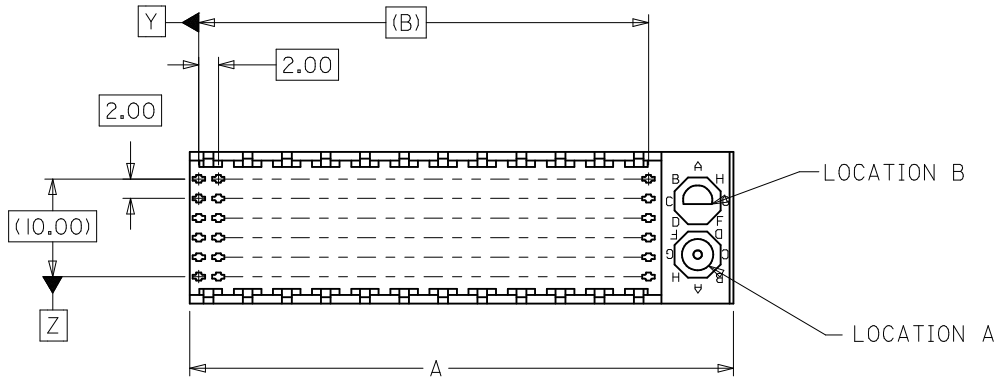
E

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A



POLAR/GUIDE OPTION

SEE SHEET 1 EC NO: UCP2013-3253 DRAWN: RWHIPPLE 2013/02/05 CHKD: MWOLFE 2013/02/05 APPR: SMILLER 2013/08/05	DESCRIPTION REV	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	2:1	METRIC	DRAWN BY: RWHIPPLE    DATE: 2013/02/05 CHECKED BY: SREED    DATE: 99/01/21 APPROVED BY: SMILLER    DATE: 2013/08/05	TITLE	SALES ASSEMBLY, HDM BACKPLANE CONNECTOR, EXTENDED TAIL VERSION
		ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	MATERIAL NO.	DOCUMENT NO.	SHEET NO.			
		SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SD-74301-001	2 OF 3				

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

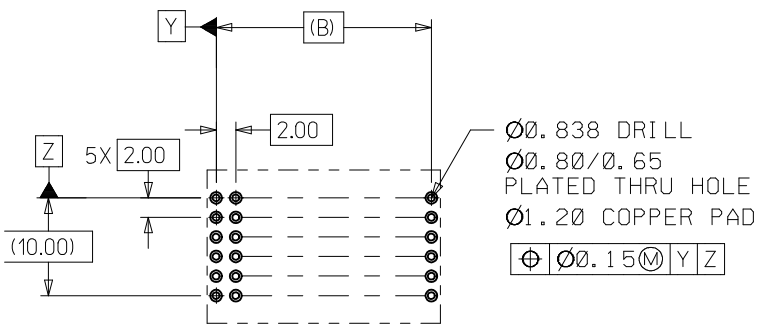
### MATERIAL NUMBER ASSIGNMENT

- 0 = 72-CIRCUIT OPEN END
  - 1 = 144-CIRCUIT OPEN END
  - 2 = 72-CIRCUIT END WALL
  - 3 = 144-CIRCUIT END WALL
  - 4 = 72-CIRCUIT POALR/GUIDE
  - 5 = 144-CIRCUIT POLAR/GUIDE
- 
- 0 = 5.0mm MATING, 7.0mm TAIL
  - 1 = 5.5mm MATING, 7.0mm TAIL
  - 2 = 6.0mm MATING, 7.0mm TAIL

74301- \* \* \* \*

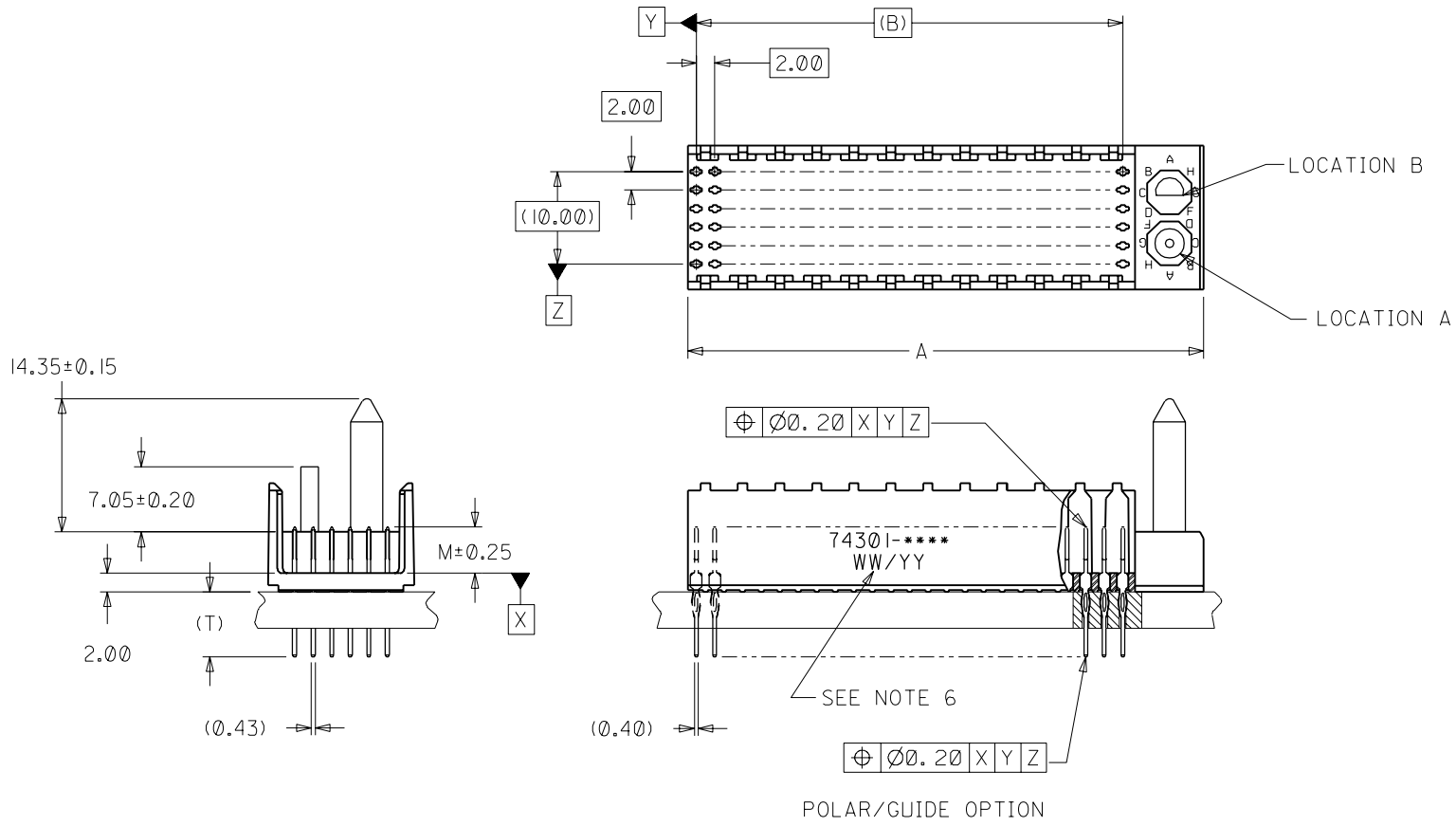
PART NUMBER	DIM A	DIM B	DIM M	DIM T
74301-0000	23.8	22.00	5.00	7.00
74301-0100	23.8	22.00	5.50	7.00
74301-0200	23.8	22.00	6.00	7.00
74301-1000	47.8	46.00	5.00	7.00
74301-1100	47.8	46.00	5.50	7.00
74301-1200	47.8	46.00	6.00	7.00
74301-2000	27.6	22.00	5.00	7.00
74301-2100	27.6	22.00	5.50	7.00
74301-2200	27.6	22.00	6.00	7.00
74301-3000	51.6	46.00	5.00	7.00
74301-3100	51.6	46.00	5.50	7.00
74301-3200	51.6	46.00	6.00	7.00
74301-40**	31.6	22.00	5.00	7.00
74301-41**	31.6	22.00	5.50	7.00
74301-42**	31.6	22.00	6.00	7.00
74301-50**	55.6	46.00	5.00	7.00
74301-51**	55.6	46.00	5.50	7.00
74301-52**	55.6	46.00	6.00	7.00

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



SEE SHEET 1 EC NO: UCP2013-3253 DRWN: RWHIPPLE 2013/02/05 CHKD: MWOLFE 2013/02/05 APPR: SMILLER 2013/08/05	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE RWHIPPLE 2013/02/05	TITLE SALES ASSEMBLY, HDM BACKPLANE CONNECTOR, EXTENDED TAIL VERSION		
	▽=0	3 PLACES ± --- ± ---	CHECKED BY DATE SREED 99/01/21			
	▽=0	2 PLACES ± 0.05 ± ---	APPROVED BY DATE SMILLER 2013/08/05			
		1 PLACE ± 0.10 ± ---	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
		0 PLACE ± --- ± ---	SEE CHART	SD-74301-001	3 OF 3	
		ANGULAR ± 1/2° 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			

9 8 7 6 5 4 3 2 1



SEE SHEET 1 EC NO. UDT2000-0413 DRWN:JBINGHAM 99/11/02 CHK: SREED 99/11/02 APPR:CBIXLER 99/11/02	QUALITY SYMBOLS MAJOR $\blacktriangledown = 0$ CRITICAL $\nabla = 0$	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2 : 1	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	
		4 PLACES $\pm 0.$ $\pm.$	DRAWN BY & DATE JBINGHAM 99/01/21	TITLE: SALES ASSEMBLY, HDM BACKPLANE CONNECTOR EXTENDED TAIL VERSION		THIRD ANGLE PROJECTION <input type="checkbox"/> mm <input type="checkbox"/> INCH <input checked="" type="checkbox"/> mm ONLY		REVISE ON CAD ONLY
		3 PLACES $\pm 0.$ $\pm.$	CHECKED BY & DATE SREED 99/01/21	APPROVED BY & DATE CBIXLER 99/01/21		MOLEX INCORPORATED		SHEET NO. 2
		2 PLACES $\pm 0.05$ $\pm.$	CAD FILENAME S74301X2.DGN	MATERIAL NO. SEE CHART	DRAWING NO. SD-74301-001	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE B

# MATERIAL NUMBER ASSIGNMENT

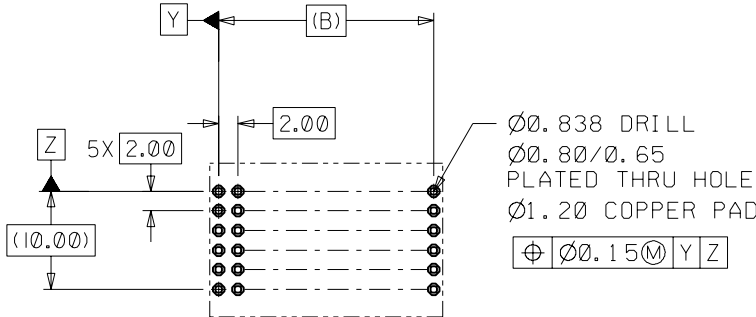
- 0 = 72-CIRCUIT OPEN END
- 1 = 144-CIRCUIT OPEN END
- 2 = 72-CIRCUIT END WALL
- 3 = 144-CIRCUIT END WALL
- 4 = 72-CIRCUIT POALR/GUIDE
- 5 = 144-CIRCUIT POLAR/GUIDE

- 0 = 5.0mm MATING, 7.0mm TAIL
- 1 = 5.5mm MATING, 7.0mm TAIL
- 2 = 6.0mm MATING, 7.0mm TAIL

74301- \* \* \* \*

PART NUMBER	DIM A	DIM B	DIM M	DIM T
74301-0000	23.8	22.00	5.00	7.00
74301-0100	23.8	22.00	5.50	7.00
74301-0200	23.8	22.00	6.00	7.00
74301-1000	47.8	46.00	5.00	7.00
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74301-2100	27.6	22.00	5.50	7.00
74301-2200	27.6	22.00	6.00	7.00
74301-3000	51.6	46.00	5.00	7.00
74301-3100	51.6	46.00	5.50	7.00
74301-3200	51.6	46.00	6.00	7.00
74301-40**	31.6	22.00	5.00	7.00
74301-41**	31.6	22.00	5.50	7.00
74301-42**	31.6	22.00	6.00	7.00
74301-50**	55.6	46.00	5.00	7.00
74301-51**	55.6	46.00	5.50	7.00
74301-52**	55.6	46.00	6.00	7.00

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



PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS: 2.50 MIN.

SEE SHEET 1 EC NO. LDT2000-0413 DRW:JBINGHAM 99/11/02 CHK: SREED 99/11/02 APPR:CBIXLER 99/11/02	QUALITY SYMBOLS MAJOR = 0 CRITICAL = 0	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2 : 1	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	THIRD ANGLE PROJECTION		TITLE: SALES ASSEMBLY, HDM BACKPLANE CONNECTOR EXTENDED TAIL VERSION			
				4 PLACES ±0. ±.	JBINGHAM 99/01/21	MOLEX INCORPORATED		MATERIAL NO. DRAWING NO. SHEET NO.		
				3 PLACES ±0. ±.	CHECKED BY & DATE	SEE CHART SD-74301-001		3		
		2 PLACES ±0.05 ±.	SREED 99/01/21	APPROVED BY & DATE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				
		1 PLACE ±0.10 ±.	CBIXLER 99/01/21	CAD FILENAME		SIZE B				
		ANGULAR: ± 1/2°		S74301X3.DGN						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								