

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

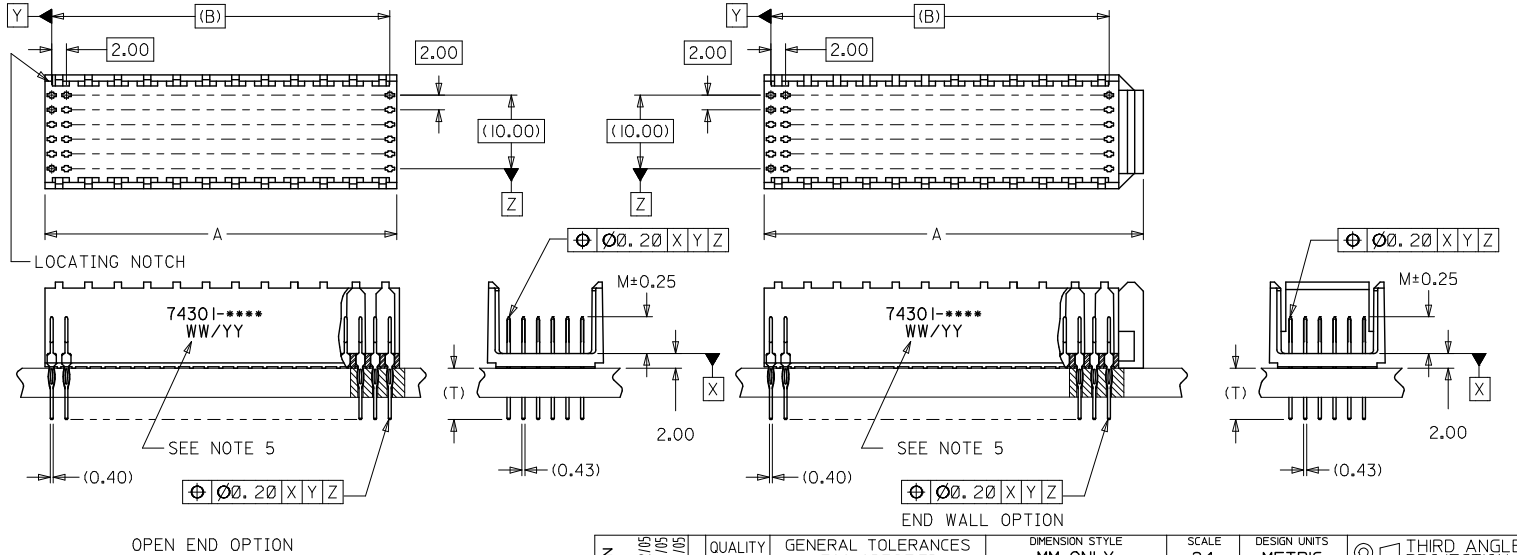
[Molex Connector Corporation](#)
[0743015105](#)

For any questions, you can email us directly:

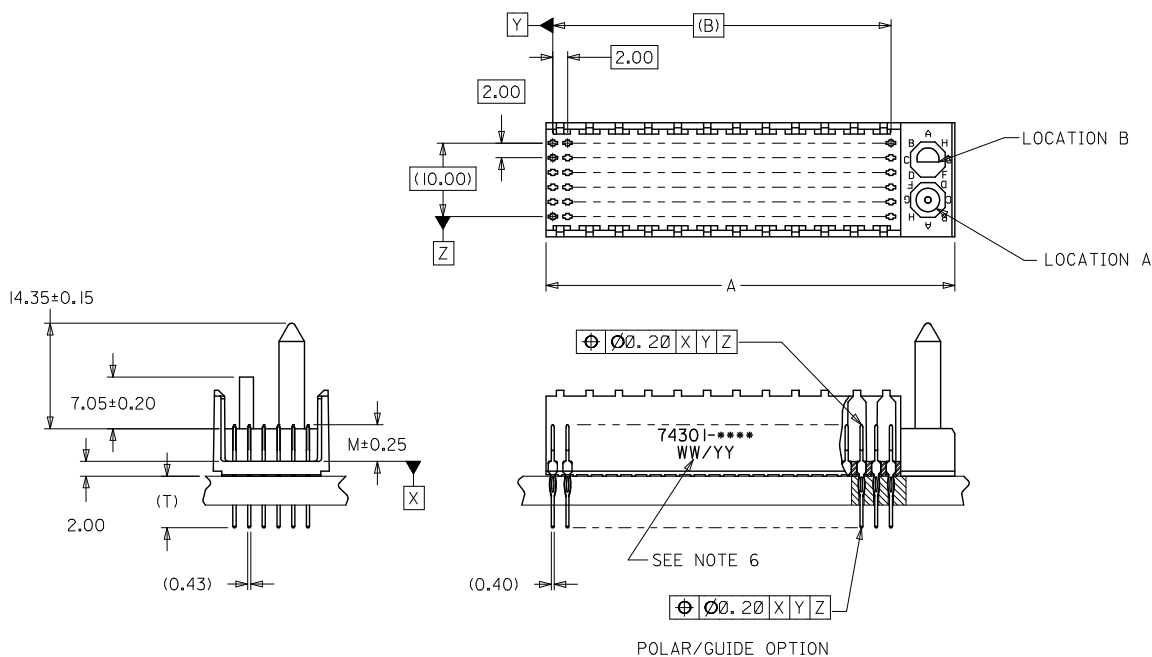
sales@integrated-circuit.com

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.



REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			mm	INCH	MM ONLY	DATE			
1	LEAD FREE CONVERSION	▽=0	4 PLACES ±---	±---	DRAWN BY	DATE	2:1	METRIC	⊙ THIRD ANGLE PROJECTION
2	EC NO: UCP2013-3253	▽=0	3 PLACES ±---	±---	RWHIPPLE	2013/02/05			
3	DRN:RWHIPPLE 2013/02/05	▽=0	2 PLACES ±0.05	±---	CHECKED BY	DATE			
4	CHKD:WOLFE 2013/02/05	▽=0	1 PLACE ±0.10	±---	SREED	99/01/21			
5	APPR:SMILLER 2013/08/05		0 PLACE ±---	±---	APPROVED BY	DATE			
			ANGULAR ±1/2°		SMILLER	2013/08/05			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-74301-001		
					SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



SEE SHEET 1	EC NO: UCP2013-3253		2013/02/05		2013/02/05		2013/02/05		2013/08/05		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
	DRAWN BY: RWHPLE		2013/02/05		2013/02/05		2013/02/05		2013/08/05		F=0		mm INCH		DRAWN BY DATE		TITLE		SALES ASSEMBLY, HDM BACKPLANE CONNECTOR, EXTENDED TAIL VERSION			
	CHKD: MWLEE		2013/02/05		2013/02/05		2013/02/05		2013/08/05		F=0		4 PLACES ± --- ± ---		CHECKED BY DATE							
	APPR: SMILLER		2013/02/05		2013/02/05		2013/02/05		2013/08/05		F=0		3 PLACES ± 0.05 ± ---		SREED 99/01/21							
											F=0		2 PLACES ± 0.10 ± ---		APPROVED BY DATE							
											F=0		1 PLACE ± 0.10 ± ---		SMILLER 2013/08/05							
											F=0		0 PLACE ± --- ± ---									
											F=0		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
											F=0		DRAFT WHERE APPLICABLE		SEE CHART		SD-74301-001				2 OF 3	
											F=0		MUST REMAIN WITHIN DIMENSIONS		SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

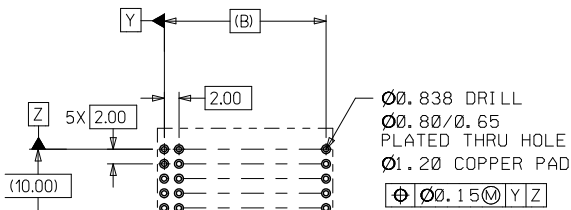
MATERIAL NUMBER ASSIGNMENT

0 = 72-CIRCUIT OPEN END
1 = 144-CIRCUIT OPEN END
2 = 72-CIRCUIT END WALL
3 = 144-CIRCUIT END WALL
4 = 72-CIRCUIT POLAR/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- * * * *

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



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

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

SEE SHEET 1 EC NO: UCP2013-3253 DRAWN BY: RWHIPPLE 2013/02/05 CHECKED BY: CHYUWOLEE 2013/02/05 APPROVED BY: SMILLER 2013/08/05	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
					MM ONLY		2:1	METRIC		
				mm	INCH	DRAWN BY	DATE	TITLE		
			4 PLACES	± ---	± ---	RWHIPPLE	2013/02/05	SALES ASSEMBLY,		
			3 PLACES	± ---	± ---	CHECKED BY	DATE	HDM BACKPLANE CONNECTOR,		
			2 PLACES	± 0.05	± ---	SREED	99/01/21	EXTENDED TAIL VERSION		
			1 PLACE	± 0.10	± ---	APPROVED BY	DATE	molex		
			0 PLACE	± ---	± ---	SMILLER	2013/08/05			
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-74301-001		3 OF 3	
REV	SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



LBORD.DGN REV A
96/06/12 LEVEL 4

MATERIAL NUMBER ASSIGNMENT

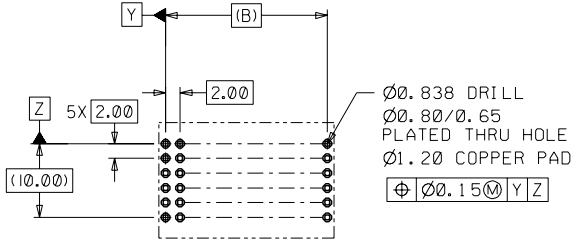
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74301- * * * *

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

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



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

SEE SHEET 1	EC NO. UDT2000-0413 C	DRAWN BY J.BINGHAM 99/01/02 CHKD. SREED 99/01/02 APPRD. CBIXLER 99/01/02	DESCRIPTION	QUALITY SYMBOLS MAJOR =0 CRITICAL C/0	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2 : 1	DESIGN UNITS ☒ mm ☐ INCH		THIRD ANGLE PROJECTION	☐ mm ☐ INCH ☒ mm ONLY	REVISE ON CAD ONLY
					mm	INCH	DRAWN BY & DATE J.BINGHAM 99/01/21		TITLE: SALES ASSEMBLY, HDM BACKPLANE CONNECTOR EXTENDED TAIL VERSION			
					4 PLACES ±0.1 ±.	CHECKED BY & DATE SREED 99/01/21		MOLEX INCORPORATED				
					3 PLACES ±0.05 ±.	APPROVED BY & DATE CBIXLER 99/01/21						
					2 PLACES ±0.05 ±.	CAD FILENAME		MATERIAL NO.	DRAWING NO.	SHEET NO.		
1 PLACE ±0.10 ±.	ANGULAR: ± 1/2°		S74301X3.DGN	SEE CHART	SD-74301-001	3						
REV					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

TITLE: SALES ASSEMBLY, HDM
BACKPLANE CONNECTOR
EXTENDED TAIL VERSION
MOLEX INCORPORATED

CAD FILENAME: S74301X3.DGN
MATERIAL NO.: SEE CHART
DRAWING NO.: SD-74301-001
SHEET NO.: 3