

Excellent Integrated System Limited

Stocking Distributor

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

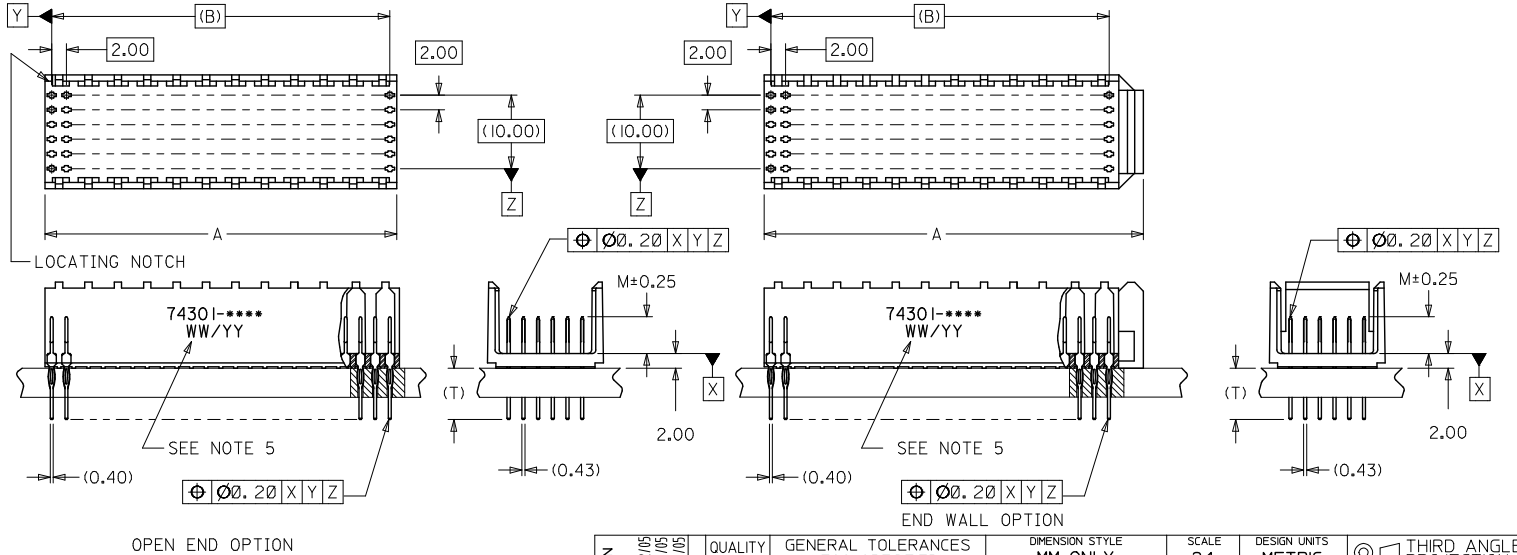
[Molex Connector Corporation](#)
[0743012000](#)

For any questions, you can email us directly:

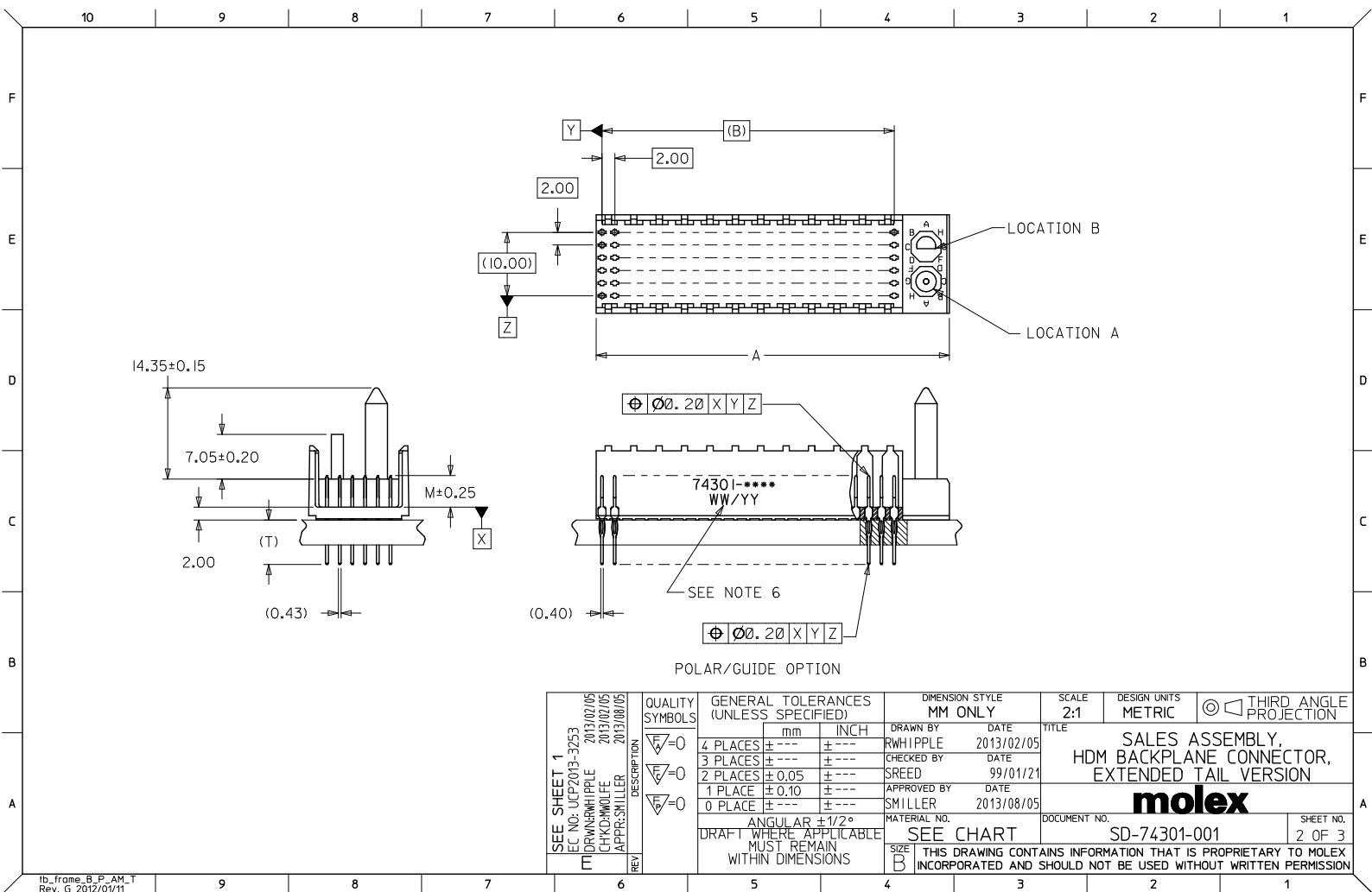
sales@integrated-circuit.com

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.



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



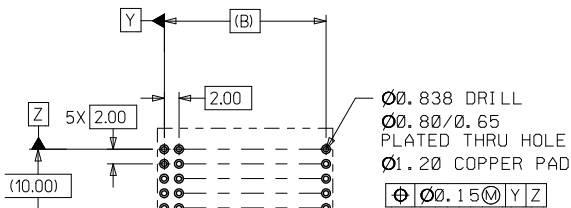
MATERIAL NUMBER ASSIGNMENT

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- * * * *

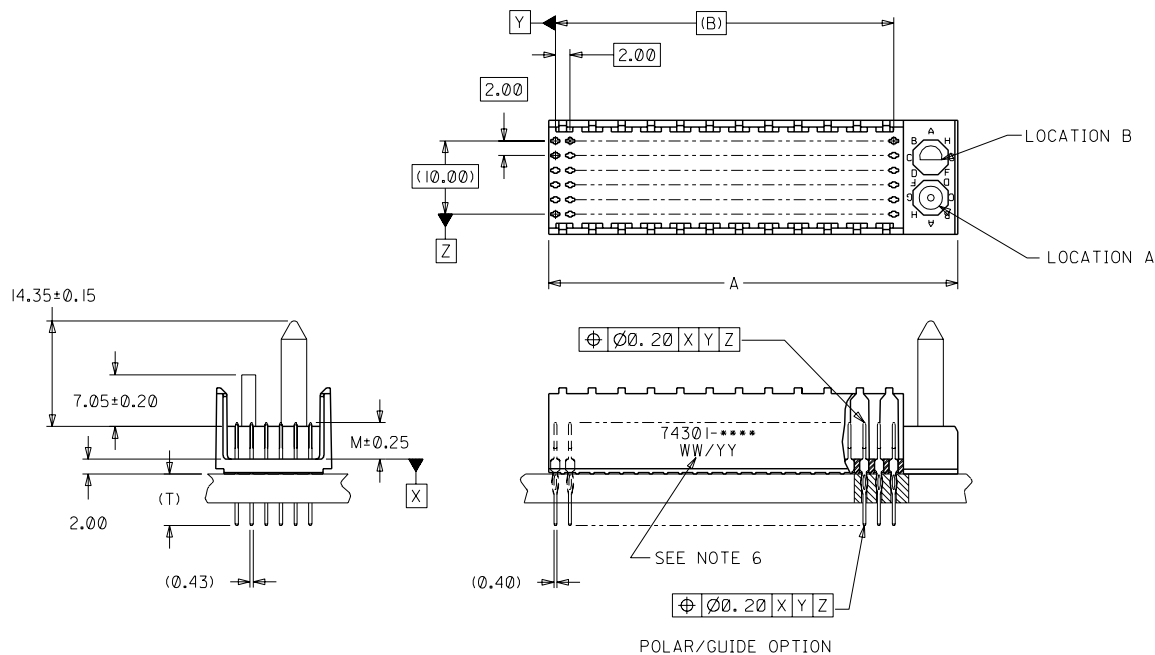
NUMBER	GUIDE POST LOCATION	POLAR KEY POSITION
00	N/A	N/A
01	B	A
02	A	
03	B	
04	A	B
05	B	
06	A	
07	B	C
08	A	
09	B	
10	A	D
11	B	
12	A	
13	B	E
14	A	
15	B	
16	A	F
17	B	
18	A	



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	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
			(SPECIFIED)		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 ± ---	SPEED	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		SEE CHART		SD-74301-001		3 OF 3	
MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



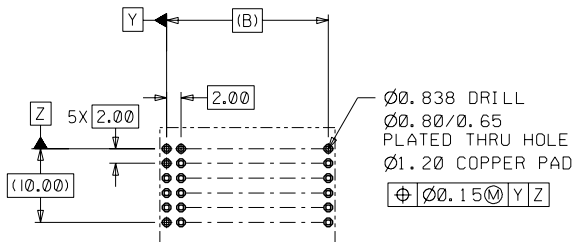
QUALITY SYMBOLS		GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION		DIMENSIONS:		SHT	REV
				mm	INCH					mm	INCH		
MAJOR				4 PLACES	±0.1								
CRITICAL				3 PLACES	±0.05								
				2 PLACES	±0.10								
				1 PLACE	±0.10								
				ANGULAR: ± 1/2°									
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

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-*



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

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
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

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	SHEET NO.	REV
1	SEE SHEET 1	MAJOR =0 CRITICAL C/0	4 PLACES ±0.1 3 PLACES ±0.1 2 PLACES ±0.05 1 PLACE ±0.10	2 : 1	mm INCH	mm INCH	SALES ASSEMBLY, HDM BACKPLANE CONNECTOR EXTENDED TAIL VERSION	3	B
2	EC NO. UDT2000-0413 DRW:JBINGHAM 99/01/02 CHK: SREED 99/01/02 APPR:CBIXLER 99/01/02		ANGULAR: ± 1/2°				MOLEX INCORPORATED		
3			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.		