

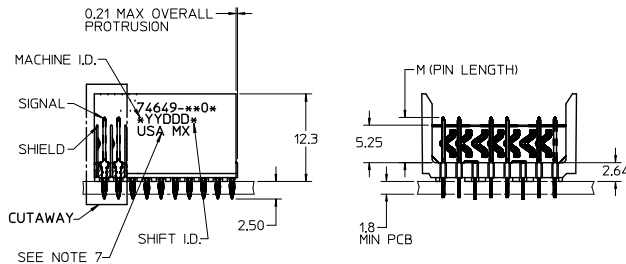
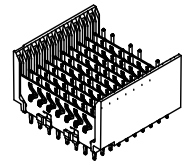
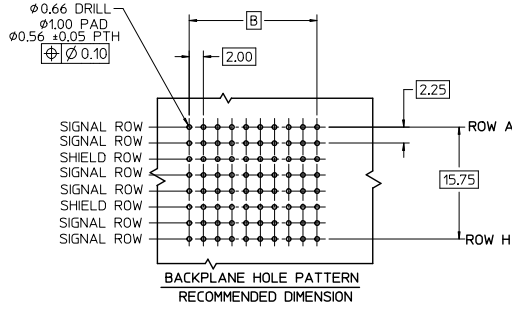
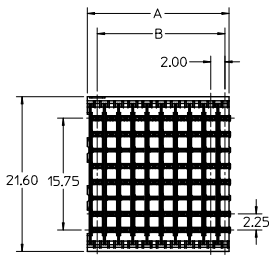
## **Excellent Integrated System Limited**

Stocking Distributor

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

[Molex Connector Corporation](#)  
[0746492501](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



**NOTES:**

- MATERIAL:**  
HOUSING -LIQUID CRYSTAL POLYMER (LCP),  
GLASS-FILLED, UL 94V-0, COLOR BLACK.  
SIGNAL PIN & SHIELD -HIGH PERFORMANCE COPPER ALLOY.
- FINISHES:**  
CONTACT AREA: SELECTIVE GOLD (Au)  
PCB TAILS: SELECTIVE MATTE TIN (Sn)  
NICKEL (Ni) OVERALL.
- THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-74031-999.
- FOR MIXED CONTACT MATING LENGTHS CONSULT MOLEX FOR AVAILABILITY.
- FOR SPECIFIC PART NUMBERS AND MATING INFORMATION REFER TO SHEET 2.
- PACKAGE PER PK-74060-003.
- EITHER MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN OR PLACE LABEL ON THE TUBE.
- MAPS (MOLEX ADVANCED PLATING SYSTEM).

<b>UPDATE TABLE</b> EC NO: UCP2014-3396 DRWNSWANG01 2014/02/14 CHKOSMOLPE 2014/02/14 APPR:SMILLER 2014/02/25	<b>QUALITY SYMBOLS</b> ∇=0 ∇=0 ∇=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY	DATE	TITLE HSD SALES ASSEMBLY 8 ROW OPEN END BACKPLANE <b>molex</b> DOCUMENT NO. SD-74649-002 SHEET NO. 1 OF 2			
		4 PLACES ±	±	MOWANG	2001/01/22				
		3 PLACES ±	±	CHECKED BY	DATE				
2 PLACES ±	±	JLAURX	2001/01/23						
1 PLACE ±	±	APPROVED BY	DATE	MATERIAL NO. SEE SHEET 2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
0 PLACE ±	±	CBIXLER	2001/01/24	SIZE C					

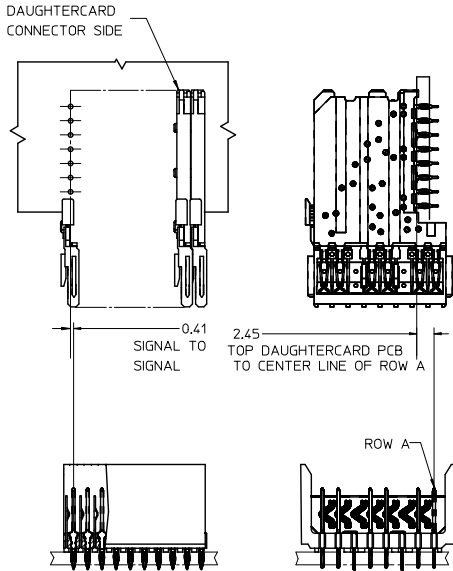
MATERIAL NUMBER ASSIGNMENT

74649-\*\*0\*

- 10 = 10 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
- 25 = 25 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
- 60 = 10 COLUMN MATTE TIN (MAPS)
- 75 = 25 COLUMN MATTE TIN (MAPS)
- 90 = 10 COLUMN MATTE TIN
- 85 = 25 COLUMN MATTE TIN

PIN HEIGHT / PLATING  
 1-4 = 0.25 or 0.76 GOLD  
 6-9 = 1.27 GOLD

- 1 & 6 = 4.75
- 2 & 7 = 6.25
- 3 & 8 = 4.25
- 4 & 9 = 5.15



PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	GOLD THICKNESS MICROMETER	TIN THICKNESS MICROMETER
74649-6001							0.25 MAPS	
74649-0001	10	60	10	20.00	18.00	4.75	0.76	0.76-1.52
74649-0006							1.27	
74649-7501							0.25 MAPS	
74649-0501	25	150	25	50.00	48.00	6.25	0.76	
74649-0506							1.27	
74649-6002							0.25 MAPS	
74649-0002	10	60	10	20.00	18.00	4.25	0.76	
74649-0007							1.27	
74649-7502							0.25 MAPS	
74649-0502	25	150	25	50.00	48.00	5.15	0.76	
74649-0507							1.27	
74649-6003							0.25 MAPS	
74649-0003	10	60	10	20.00	18.00	4.25	0.76	
74649-0008							1.27	
74649-7503							0.25 MAPS	
74649-0503	25	150	25	50.00	48.00	5.15	0.76	
74649-0508							1.27	
74649-6004							0.25 MAPS	
74649-0004	10	60	10	20.00	18.00	4.25	0.76	
74649-0009							1.27	
74649-7504							0.25 MAPS	
74649-0504	25	150	25	50.00	48.00	5.15	0.76	
74649-0509							1.27	

SEE SHEET 1 IEC NO: UCP2014-3396 DRAWN BY: 2014/02/14 CHKD BY: 2014/02/14 APPR: MILLER 2014/02/23	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	2.5:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	MOWANG 2001/01/22	HSD SALES ASSEMBLY		
	▽=0	2 PLACES ± 0.25 ± ---	CHECKED BY DATE	8 ROW OPEN END BACKPLANE		
	1 PLACE ± 0.38 ± ---	JLAURX 2001/01/23				
	0 PLACE ± ±	APPROVED BY DATE				
	ANGULAR ±1/2°	CBI XLER 2001/01/24	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE	SD-74649-002	2 OF 2	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			