

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0767106208

Status:

Active

Description:

1.40mm (0.055") Pitch Tinman Vertical Receptacle, Dual End, 5 Pair, 8 Column, 120 Circuits, 85 Ohms, Lead Free

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Backplane Connectors
Series	76710
Application	Backplane
Comments	85 Ohms
Component Type	PCB Receptacle
Product Name	Tinman
Style	N/A
Physical	
Circuits (Loaded)	120
Circuits (maximum)	120
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	Yes
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Resin	High Temperature Thermoplastic
Number of Columns	8
Number of Pairs	5
Number of Rows	15
Orientation	Vertical
PC Tail Length (in)	0.098 In
PC Tail Length (mm)	2.50 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.055 In
PCB Thickness Recommended (mm)	1.40 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.074 In
Pitch - Mating Interface (mm)	1.90 mm
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-65°C to +90°C
Termination Interface: Style	Surface Mount

Electrical	
Current - Maximum per Contact	0.5A
Data Rate	10.0 Gbps
Shielded	No
Voltage - Maximum	250V AC

Material Info

Reference - Drawing Numbers	
Packaging Specification	PK-70873-0063
Sales Drawing	SD-76710-6208

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

76710Series

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	
Description	Product #
Tinman Vertical	0622018722
Header Press-In Tool	

This document was generated on 06/07/2010

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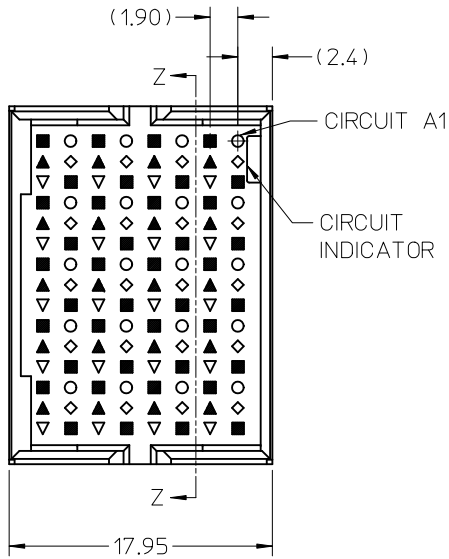
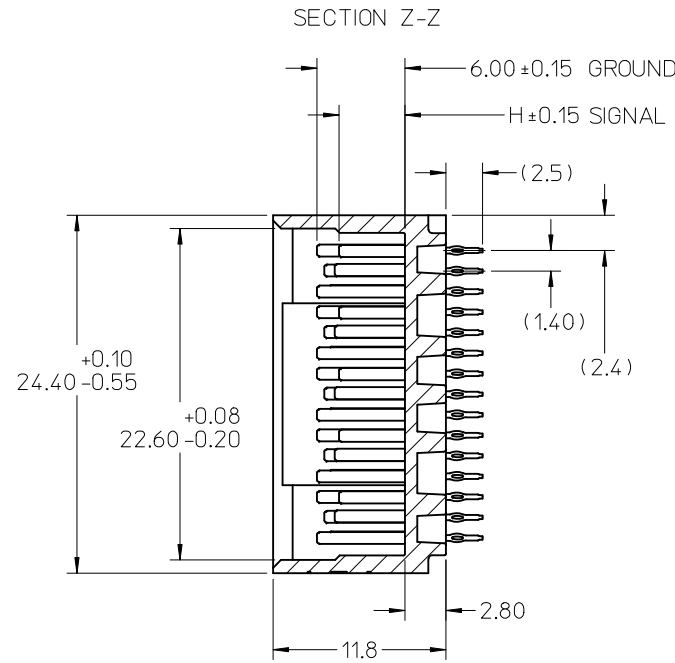
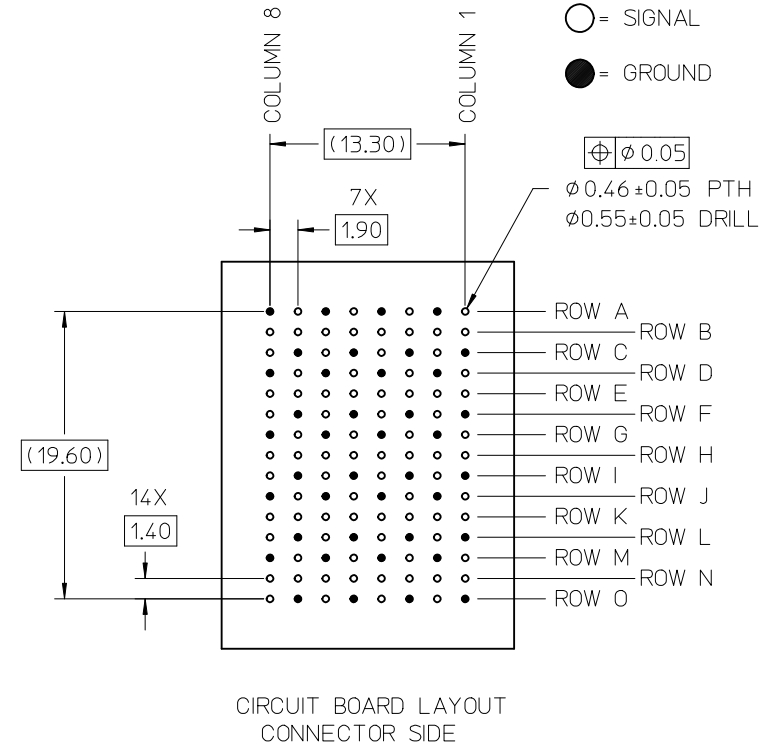
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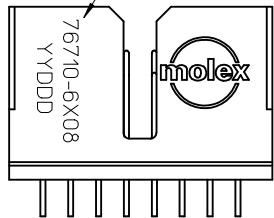
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PART NUMBER
& DATE CODE
MARKING



SYMBOL	DIM H
■	6.0
▲	5.5
▽	5.2
◇	4.8
○	4.5

PART NUMBER	TAIL PLATING
76710-6208	MATTE TIN
76710-6308	TIN/LEAD

NOTES:

1. MATERIALS: CONTACTS - COPPER ALLOY; HOUSING - LIQUID CRYSTAL POLYMER (LCP), UL 94V-0, BLACK
2. FINISHES: SELECTIVE GOLD (Au) IN CONTACT AREA, SELECTIVE MATTE TIN (Sn) OR TIN/LEAD (Sn/Pb) IN TAIL AREA, NICKEL (Ni) OVERALL.
3. PARTS PACKAGED PER PK-70873-0063.
4. THESE PARTS CONFORM TO MOLEX PRODUCT SPECIFICATION PS-76706-999.
5. THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.
6. MINIMUM CIRCUIT BOARD THICKNESS: 1.4

INITIAL RELEASE EC NO: UCP2010-1117 DRWN: JBINGHAM 2009/11/03 CHKD: JLAURX 2009/11/03 APPR: JLAURX 2009/12/21 A	DESCRIPTION ▽=0 ▽=0	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 	
				mm	INCH	DRAWN BY JBINGHAM	DATE 2009/11/03	TITLE TINMAN 5-PAIR 85-OHM 8-COLUMN VERTICAL HEADER DUAL END SALES ASSEMBLY		
			4 PLACES	± ---	± ---	CHECKED BY JLAURX	DATE 2009/11/03			
			3 PLACES	± ---	± ---	APPROVED BY JLAURX	DATE 2009/12/21			
			2 PLACES	± 0.13	± ---	MOLEX INCORPORATED				
			1 PLACE	± 0.25	± ---					
			ANGULAR ± 2 °							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-76710-6208		SHEET NO. 1 OF 1	
			REV B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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