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Part Number: [0767060110](#)
Status: **Active**
Description: 1.40mm (0.055") Pitch Tinman Vertical Receptacle, 5 Pair, 10 Column, 150 Circuits, 85 Ohms, Tin/Lead

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Backplane Connectors
Series	76706
Application	Backplane
Comments	85 Ohms
Component Type	PCB Receptacle
Product Name	Tinman
Style	N/A

Physical

Circuits (Loaded)	150
Circuits (maximum)	150
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-Lead
Material - Resin	High Temperature Thermoplastic
Number of Columns	10
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-70873-0062
Sales Drawing	SD-76706-010

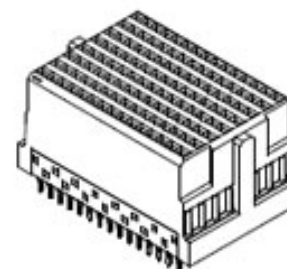


image - Reference only

Series

EU RoHS

RoHS Compliant by Exemption
REACH SVHC Not Reviewed
Halogen-Free Status Not Reviewed

China RoHS



Pb

Need more information on product environmental compliance?

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

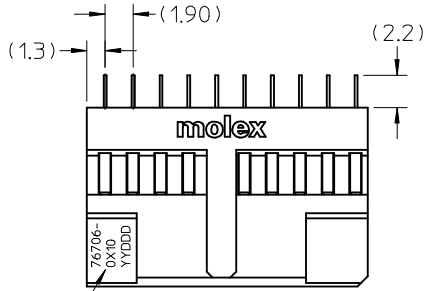
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Search Parts in this Series

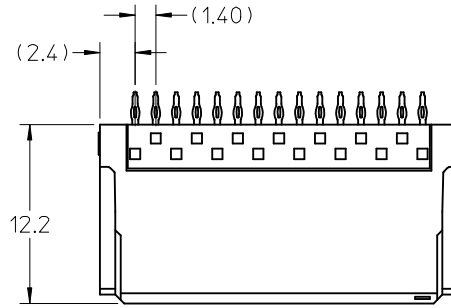
76706Series

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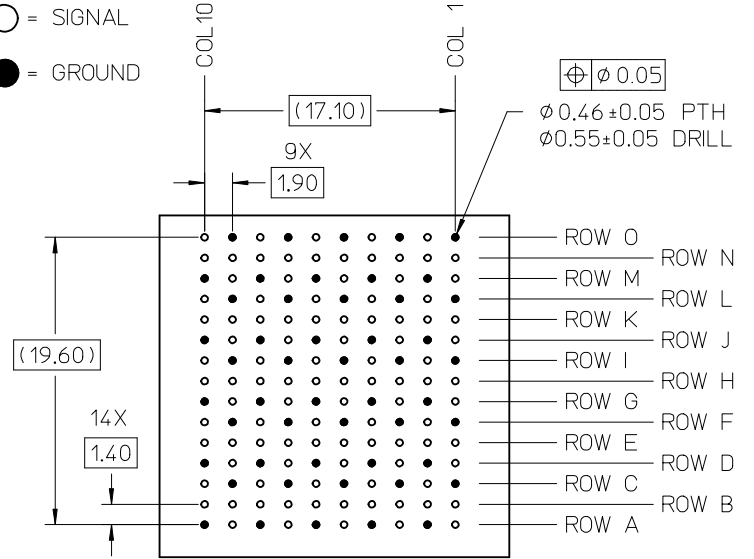
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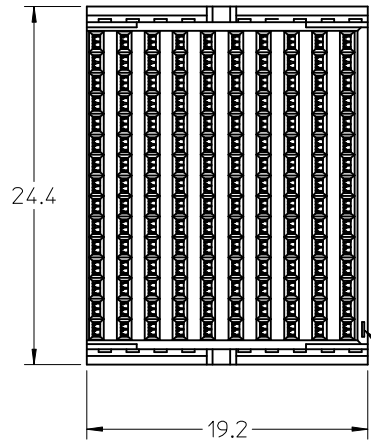
PART NUMBER & DATE CODE MARKING



○ = SIGNAL
● = GROUND



CIRCUIT BOARD LAYOUT
CONNECTOR SIDE



NOTES:

1. MATERIALS: CONTACTS - COPPER ALLOY; HOUSING - LIQUID CRYSTAL POLYMER (LCP), UL 94V-0, BLACK.
2. FINISHES: 30 MN MIN 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-70873-0062.
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

PART NUMBER	TAIL PLATING
76706-0010	MATTE TIN
76700-0110	TIN/LEAD

INITIAL RELEASE EC NO: UCP2009-1351 DRAWN: JBINGHAM CHKD: JLAURX APPR: JLAURX 2009/06/10 2009/06/15 2009/06/15	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± ---	mm INCH ± --- ± --- ± 0.13 ± --- ± 0.25 ± ---	DRAWN BY JBINGHAM	DATE 2008/10/31	TITLE TINMAN 5-PAIR 85-OHM 10-COLUMN 15MM STACK HT. VERTICAL RECEPTACLE		MOLEX MOLEX INCORPORATED	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY RNELSON		DATE 2008/10/31		DOCUMENT NO. SD-76706-010		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	