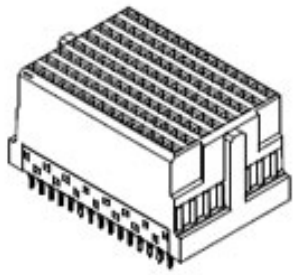
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Part Number: 0767060008
Status: Active
Description: 1.40mm (0.055") Pitch Tinman Vertical Receptacle, 5 Pair, 8 Column, 120 Circuits, 85 Ohms, Lead Free

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)



Series image - Reference only

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)	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-70873-0062
Sales Drawing	SD-76706-008

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

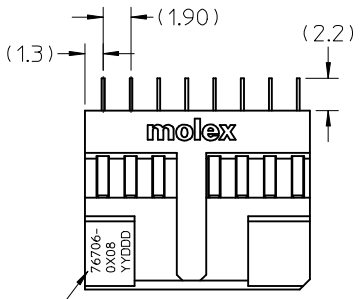
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

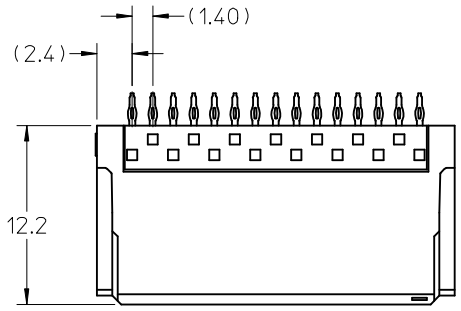
Please visit the Contact Us section for any non-product compliance questions.

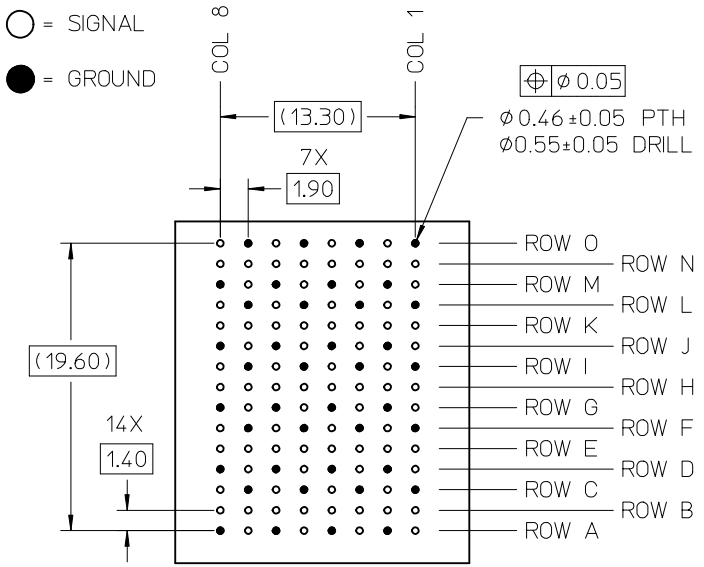
Search Parts in this Series
76706Series

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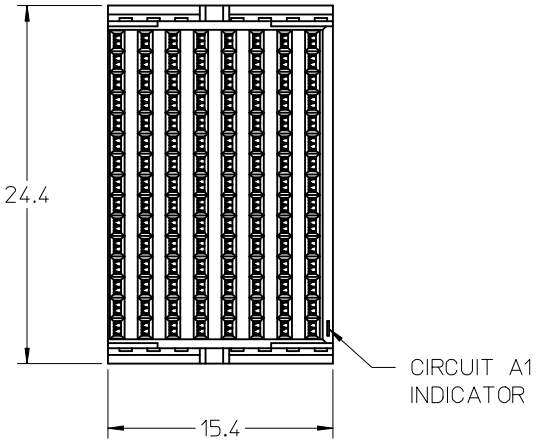
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION







CIRCUIT BOARD LAYOUT
CONNECTOR SIDE



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-70873-0062.
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
76706-0008	MATTE TIN
76706-0108	TIN/LEAD

INITIAL RELEASE
EC NO: UCP2009-1208 2008/11/11
DRWN: JBINGHAM 2008/11/13
CHKD:
APPR: JLAURX 2008/11/14
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: 3:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: JBINGHAM DATE: 2008/06/18	TITLE: TINMAN 5-PAIR 85-OHM 8-COLUMN 15MM STACK HT. VERTICAL RECEPTACLE		
CHECKED BY: JLAURX DATE: 2008/06/18			
APPROVED BY: RNELSON DATE: 2008/06/18	MOLEX INCORPORATED		
MATERIAL NO.: SEE CHART	DOCUMENT NO.: SD-76706-008	SHEET NO.: 1 OF 1	
SIZE: B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		