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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)

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

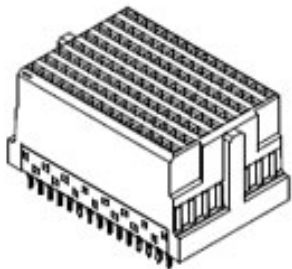


image - Reference only

Series

EU RoHS

ELV and RoHS
Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed



Need more information on product environmental compliance?

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

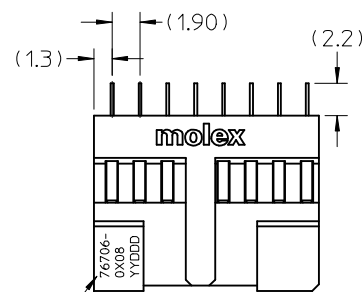
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

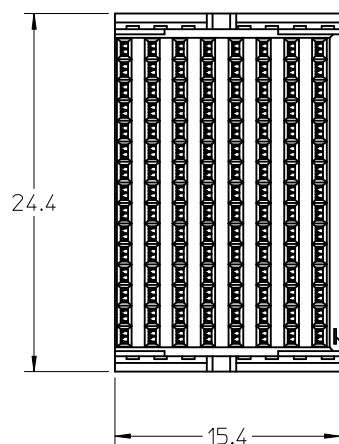
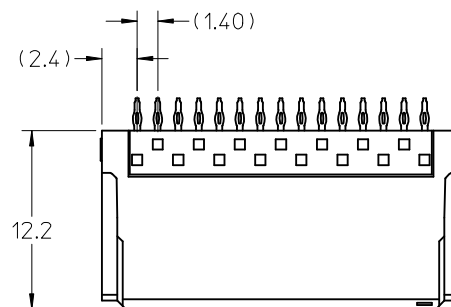
76706Series

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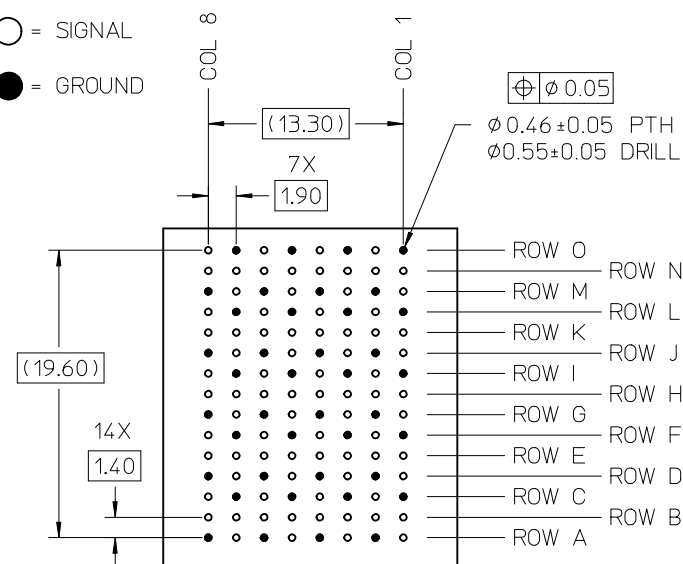
PART NUMBER
& DATE CODE
MARKING



CIRCUIT A1
INDICATOR

○ = SIGNAL

● = GROUND



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
DRAWN: JBINGHAM 2008/11/11
CHKD: 2008/11/13
APPR: JLAURX 2008/11/14
REV A

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
DRAWN BY
JBINGHAM
DATE
2008/06/18
CHECKED BY
JLAURX
DATE
2008/06/18
APPROVED BY
RNELSON
DATE
2008/06/18
MATERIAL NO.
SEE CHART
SIZE
B

SCALE
3:1
DESIGN UNITS
METRIC
THIRD ANGLE
PROJECTION
TITLE
TINMAN 5-PAIR 85-OHM
8-COLUMN 15MM STACK HT.
VERTICAL RECEPTACLE
MOLEX INCORPORATED
DOCUMENT NO.
SD-76706-008
SHEET NO.
1 OF 1
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