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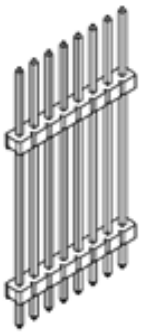
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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0877550800

Status: Active

Description: 2.00mm (.079") Pitch PCB Header, Through Hole, Single Row Dual Body, Vertical, 8 Circuits, Tin (Sn) Overall, 19.00mm (.748") Stacking Height, Tray Packaging, Lead-free



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-87761-100 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	87755
Application	Board-to-Board
Product Name	Dual Body

Physical

Breakaway	Yes
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height (in)	0.748 In
Mated Height (mm)	19.00 mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.142 In
PC Tail Length (mm)	3.60 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Pitch - Term. Interface (in)	0.079 In
Pitch - Term. Interface (mm)	2.00 mm
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.54
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	2A
Voltage - Maximum	125V

EU RoHS
ELV and RoHS Compliant

China RoHS

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
87755Series

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	250

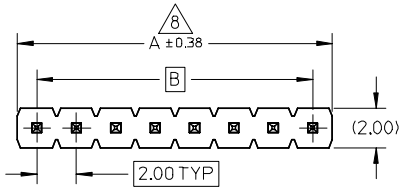
Material Info

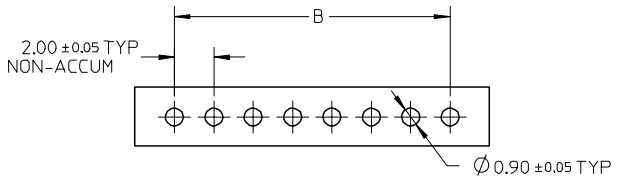
Reference - Drawing Numbers

Product Specification	PS-87761-100
Sales Drawing	SD-87755-030

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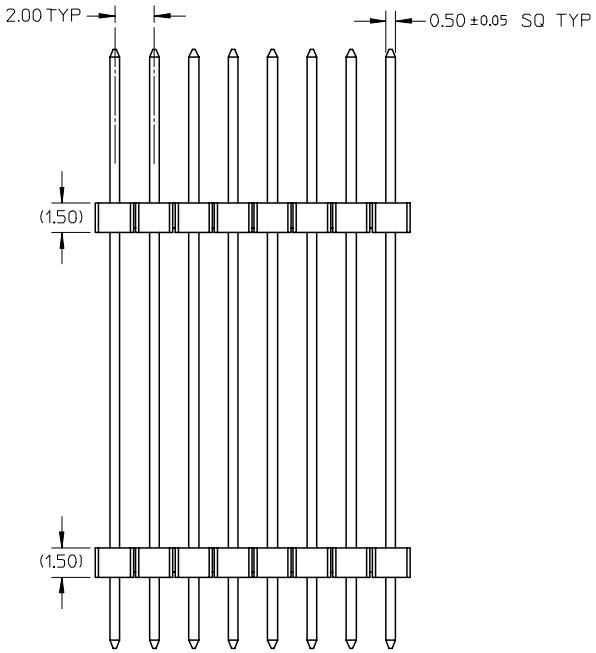


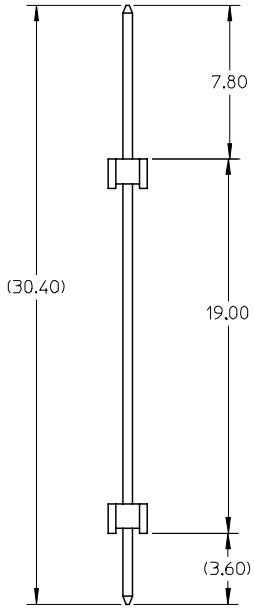
PART NO. FOR TRAY PACKAGING	CKT SIZE	PEG OPTION	VOID POSITION	PLATING TYPE	DIMENSION	
					A	B
87755-0800	8	NO	-----	154	16.00	14.00

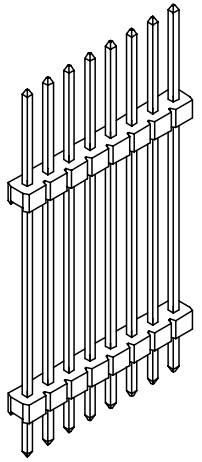
NOTES

1. MATERIAL:
   HSG: NYLON, GLASS-FILLED, UL94V-0
   COLOR: BLACK
   PIN: COPPER ALLOY, 0.50mm SQ.
2. PLATING TYPE:
   (154) 2.540μm/100μin MIN TIN OVERALL OVER
   1.270μm/50μin NICKEL OVERALL
3. PARTS TO BE PACKED IN TRAY
4. PCB THICKNESS 1.60+/-0.10mm
5. PIN PUSHOUT FORCE 0.85kgf MIN IN EITHER DIRECTION
6. PRODUCT SPECIFICATION: PS-87761-100
7. WAFER TO BE FLAT WITHIN 0.003 mm/mm
8. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE

RECOMMENDED PCB HOLE LAYOUT







EC NO: S2007-0035 2006/07/26
DRWN:SKLIM01 2006/07/26
CH'KD:PATEY 2006/07/28
APPR:PATEY
DESCRIPTION
REV B

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± ---	± ---

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	SKLIM01	2005/11/24
CHECKED BY	BOKOK	2005/11/25
APPROVED BY	PTLIM	2005/11/25

TITLE: CUSTOM HEADER
2MM PITCH SINGLE ROW HDR
DUAL WAFER, VERTICAL T/H

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MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-87755-030
SHEET NO.: 1 OF 1
SIZE: A3

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