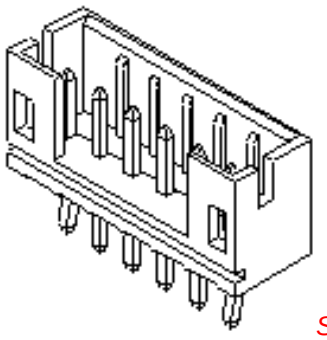
This document was generated on 06/08/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0894001420
Status: Active
Description: 2.00mm (.079") Pitch Wire-to-Board Header, Vertical, 14 Circuits, with Kinked PC Tail



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-87369-0002 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	89400
Application	Wire-to-Board
Product Name	N/A

Physical

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.134 In
PC Tail Length (mm)	3.40 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.045 In
PCB Thickness Recommended (mm)	1.20 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Plating min: Mating (µin)	50
Plating min: Mating (µm)	1.27
Plating min: Termination (µin)	50
Plating min: Termination (µm)	1.27
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	4A

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
89400Series

Mates With
87369 Crimp Housing

Voltage - Maximum	250V

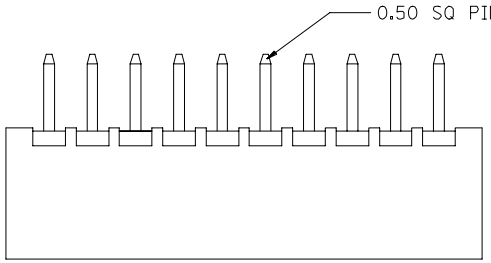
Material Info

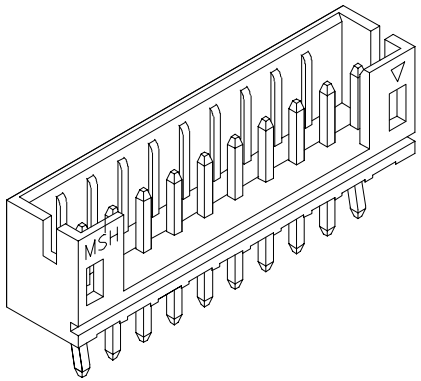
Reference - Drawing Numbers

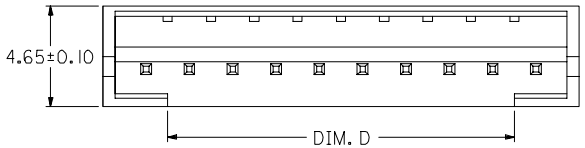
Product Specification	PS-87369-0002, RPS-87369-001
Sales Drawing	SD-89400-**2*

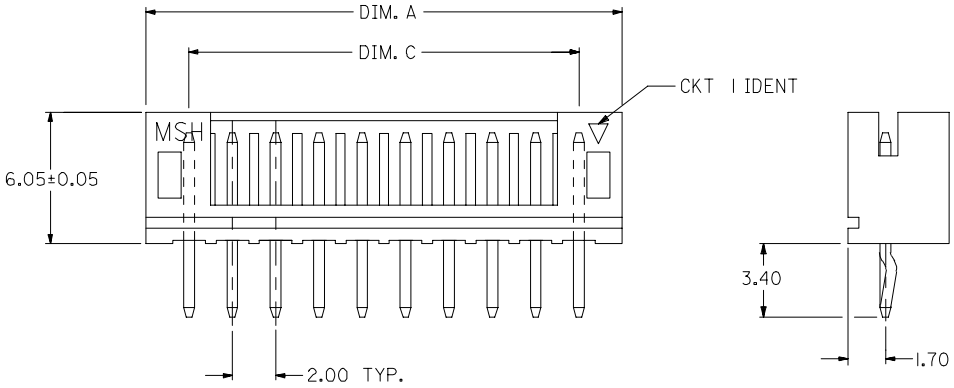
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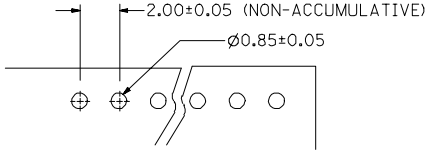


CIRCUITS	ORDER NO.	DIM. C	DIM. D	DIM. A
2	89400-021*	2.00	0.75	6.00
3	89400-031*	4.00	2.00	8.00
4	89400-041*	6.00	4.00	10.00
5	89400-051*	8.00	6.00	12.00
6	89400-061*	10.00	8.00	14.00
7	89400-071*	12.00	10.00	16.00
8	89400-081*	14.00	12.00	18.00
9	89400-091*	16.00	14.00	20.00
10	89400-101*	18.00	16.00	22.00
11	89400-111*	20.00	18.00	24.00
12	89400-121*	22.00	20.00	26.00
13	89400-131*	24.00	22.00	28.00
14	89400-141*	26.00	24.00	30.00
15	89400-151*	28.00	26.00	32.00
16	89400-161*	30.00	28.00	34.00

PART NO. LEGEND
89400 - ** 1 *
CKT SIZE
COLOR OPTION
0 - NATURAL (WHITE)
1 - BLACK
2 - RED
3 - YELLOW
4 - BLUE
6 - GREEN

NOTE:

1. MATERIALS : HOUSING - NYLON (PA66), UL94 V-0
   COLOR : SEE OPTION
   TERMINAL - BRASS
2. FINISHES : TERMINAL - TIN THICKNESS 1.27-2.54 MICROMETER OVER
   NICKEL THICKNESS 2.54 MICROMETER MIN OVERALL
   COPPER THICKNESS 1.07 MICROMETER MIN OVERALL
3. PRODUCT SPECIFICATION : PS-87369-0001
4. BULK PACK IN PVC BAG WITH 1000 PCS PER BAG.



RECOMMENDED PCB LAYOUT

NEW RELEASE
EC NO: SH2006-0288 2005/12/07
DRWN:DHU 2005/12/08
CH'KD:HARVEY 2005/12/09
APPR:GCHEN
DESCRIPTION
REV D

QUALITY SYMBOLS
▼=0
Ⓒ=0

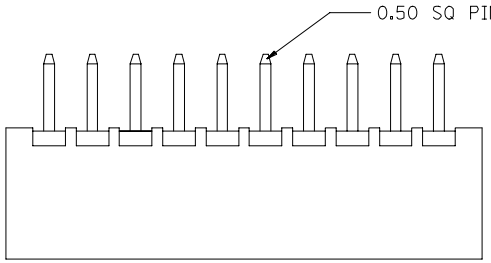
GENERAL TOLERANCES (UNLESS SPECIFIED)

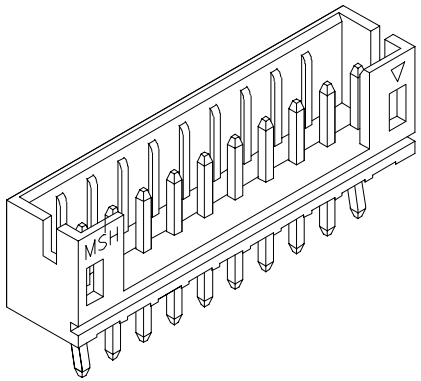
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

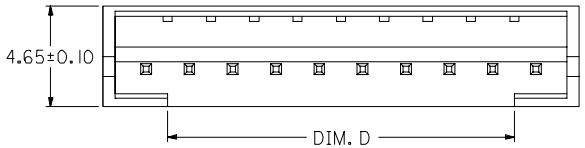
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

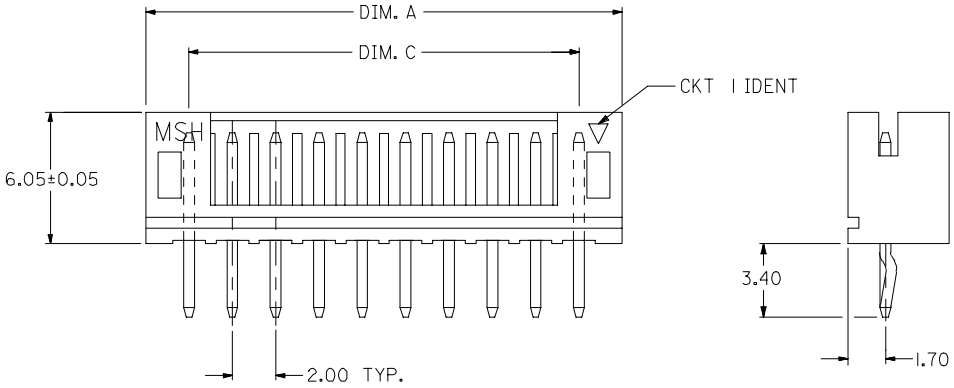
DIMENSION STYLE: MM ONLY
SCALE
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION
DRAWN BY: GOH DATE: 1995/02/04
CHECKED BY DATE
APPROVED BY DATE
MATERIAL NO.: SEE TABLE
TITLE: 2.00MM WIRE-BOARD STRAIGHT HEADER
MOLEX INCORPORATED
DOCUMENT NO.: SD-89400-**1*
SHEET NO.: 1 OF 1
SIZE A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION







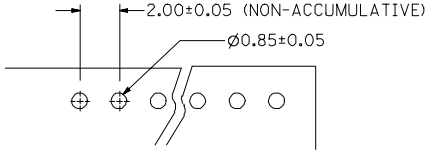


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1 PLACE	± ---	± ---
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