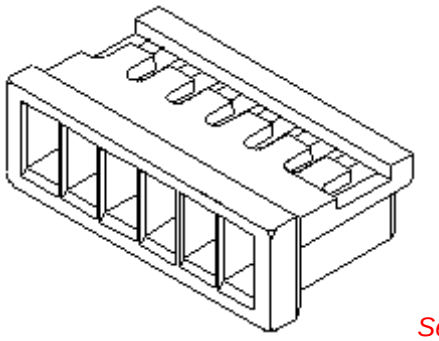
This document was generated on 05/28/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0874390401
Status: Active
Overview: picospox
Description: 1.50mm (.059") Pitch Pico-SPOX™ Wire-to-Board Housing, 4 Circuits, Black Housing



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-87437 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	87439
Overview	picospox
Product Name	Pico-SPOX™

Physical

Circuits (maximum)	4
Color - Resin	Natural
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.059 In
Pitch - Mating Interface (mm)	1.50 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-55°C to +105°C

Electrical

Current - Maximum per Contact	1.5A, 2A, 3A

Material Info

Reference - Drawing Numbers

Product Specification	PS-87437, RPS-87437
Sales Drawing	SD-87439-001

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Halogen-Free

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
87439Series

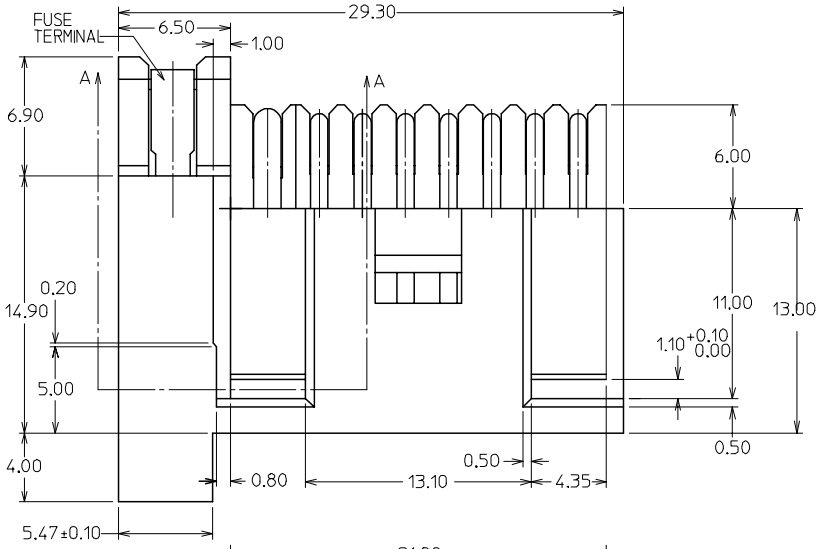
Mates With
Pico-SPOX™ Wire-to-Board Header 87437 , 87438

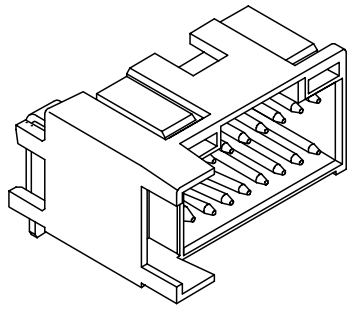
Use With
87421 Pico-SPOX™ Crimp Terminal

This document was generated on 05/28/2010

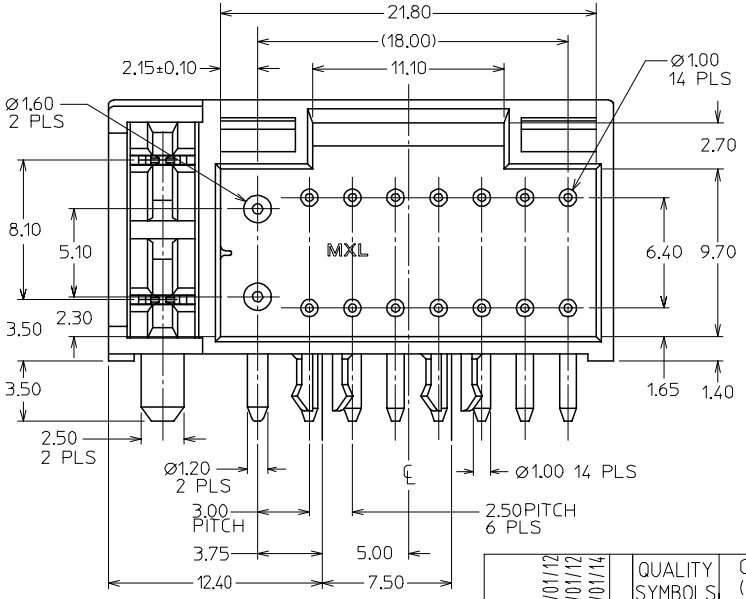
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

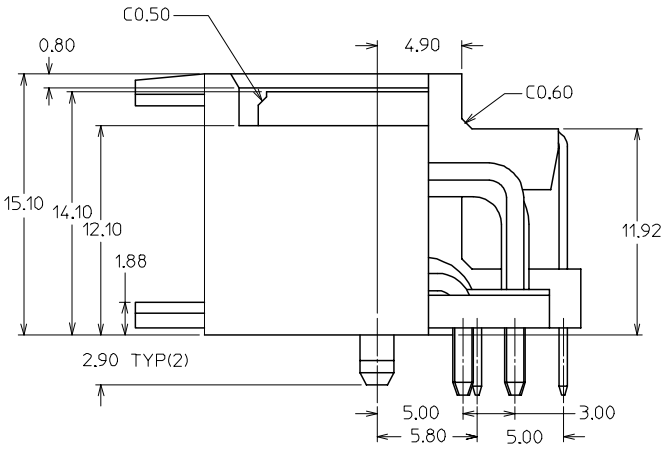
PART NO	LEAD FREE	SIGNAL PIN QTY	POWER PIN QTY	FUSE TERMINAL QTY
87527-1611	NO △2	14	2	2
87527-1612	YES △2	14	2	2





ISOMETRIC VIEW OF CONNECTOR





REVISE NOTE 2.
EC NO: S2005-0376 2005/01/12
DRWN:ATSEE 2005/01/12
CH'KD:SHONG 2005/01/14
APPR:SKTOH
DESCRIPTION
REV
B1

QUALITY SYMBOLS
▼=0
▽C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

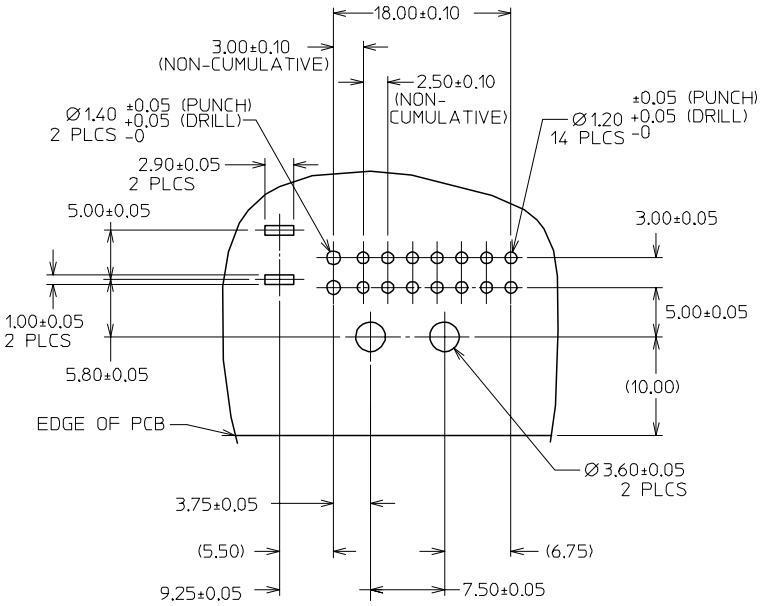
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	NTS
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	GMSIMMEL
DATE	1997/02/13
CHECKED BY	SKTOH
DATE	1997/05/08
APPROVED BY	PTHO
DATE	1997/05/09
MATERIAL NO.	SEE TABLE
DOCUMENT NO.	SD-87527-007
SHEET NO.	1 OF 2
SIZE	A3

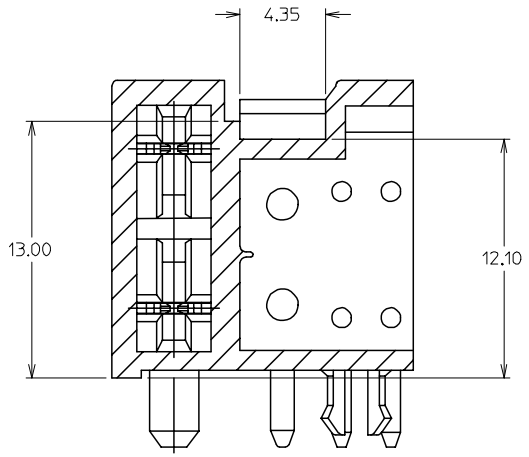
TITLE
SALES DRAWING
2.5/3.0 W-T-B HEADER
WITH SINGLE FUSE SOCKET

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PCB LAYOUT : COMPONENT SIDE
RECOMMENDED PCB THICKNESS = 1.20-1.60



SECTION A-A

NOTES:-

1. MATERIALS:
   HOUSING: - NYLON, UL94-V2
   COLOR: BLACK
   SIGNAL PINS - BRASS, 1.00 DIA.
   POWER PINS - BRASS, 1.60/ 1.20 DIA.
   FUSE TERMINALS - BRASS, 0.5mm THK.
2. FINISH:
   (A) TIN/ LEAD OVER NICKEL UNDERPLATE OVERALL.
   OR (B) TIN OVER NICKEL UNDERPLATE OVERALL.
3. PRODUCT SPECIFICATION: PS-87527-0001.

REVISE NOTE 2.
EC NO: S2005-0376 2005/01/12
DRWN:ATSEE 2005/01/12
CH'KD:SHONG 2005/01/14
APPR:SKTOH
DESCRIPTION
REV
B1

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	NTS
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	GMSIMMEL
DATE	1997/02/13
CHECKED BY	SKTOH
DATE	1997/05/08
APPROVED BY	PTHO
DATE	1997/05/09
MATERIAL NO.	SEE TABLE
DOCUMENT NO.	SD-87527-007
SHEET NO.	2 OF 2
SIZE	A3

TITLE
SALES DRAWING
2.5/3.0 W-T-B HEADER
WITH SINGLE FUSE SOCKET

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