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Part Number: [0474350219](#)
Status: **Active**
Description: 1.25mm (.049") Pitch Wire-to-Board Header, Single Row, Right Angle, Surface Mount, 2 Circuits, Lead-free

Documents:

3D Model	Product Specification PS-47434-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	47435
Application	Wire-to-Board
Product Name	N/A

Physical

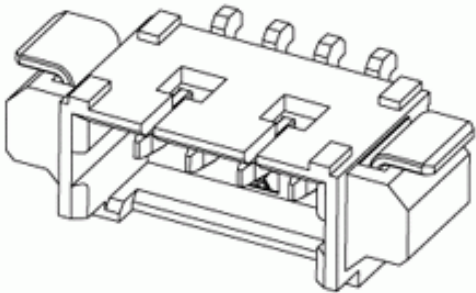
Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height (in)	0.134 In
Mated Height (mm)	3.40 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.049 In
Pitch - Mating Interface (mm)	1.25 mm
Plating min: Mating (µin)	40
Plating min: Mating (µm)	1
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1A
Voltage - Maximum	125V

Solder Process Data

Duration at Max. Process Temperature (seconds)	48
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Series

image - Reference only

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

[47435Series](#)

Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	250

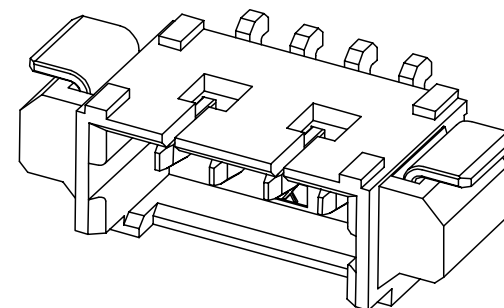
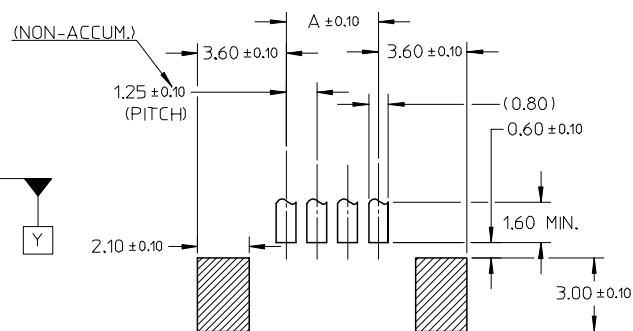
Material Info

Reference - Drawing Numbers

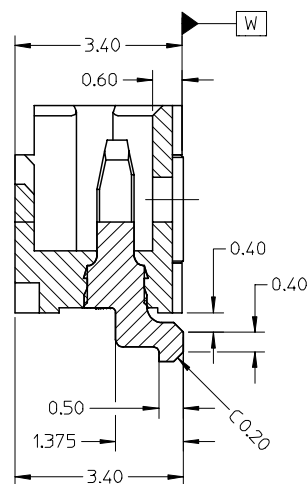
Packaging Specification	PK-47435-001
Product Specification	PS-47434-001
Sales Drawing	SD-47435-001
Test Summary	TS-47435-001

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5. THE PART 47435-xx19 COMPLIANT TO RoHS
DIRECTIVE 2002/95/EC AND ELV 2000/53/EC



SECTION F-F



QUALITY SYMBOLS	
	=0
	=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
DRAWN BY HPQ IAN	DATE 2006/02/17	TITLE 1.25 WIRE TO BOARD CONN. ASSY FOR SMT		
CHECKED BY HAWK	DATE 2006/02/17			
APPROVED BY HARVEY	DATE 2006/02/17			
		MOLEX INCORPORATED		
MATERIAL NO.		DOCUMENT NO.		SHEET NO.
SEE TABLE		SD-47435-001		1 OF 1
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