

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0476130101

Status:

Active

Overview:

battery_connectors

Description:

0.70mm (.028") Pitch Battery Connector, with Ribs, 8 circuits, Lead-free

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Comments

Overview

Product Name

PCB Headers

47613

Board-to-Board

With ribs, Housing Diameter 12.15mm (.478")

battery_connectors

Battery Connector, Compression Connector

Physical

Breakaway

Circuits (Loaded)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Polarized to PCB

Temperature Range - Operating

Termination Interface: Style

No

8

Black

5,000

No

No

Yes

Yes

No

Copper Alloy

Gold

Gold

Nylon

1

Vertical

Yes

Yes

Tray

0.028 In

0.70 mm

15

0.38

50

1.27

Yes

Yes

-40°C to +85°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

1.5A, 1A

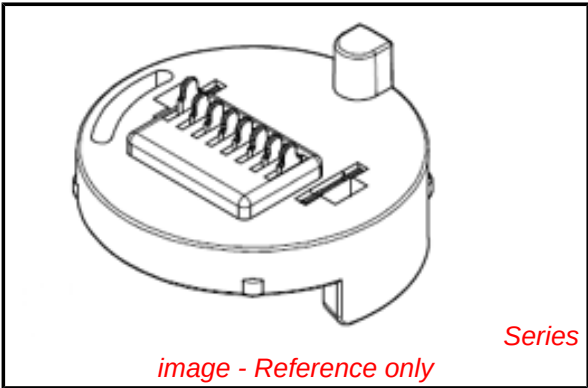
200V

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-47613-001



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](#)

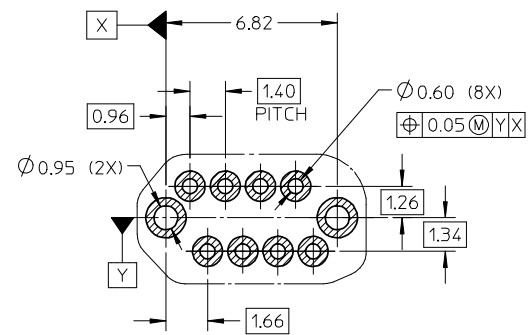
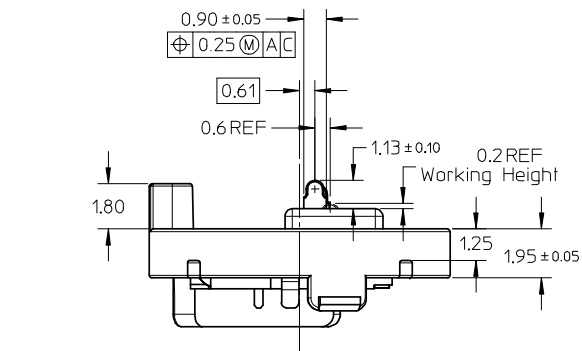
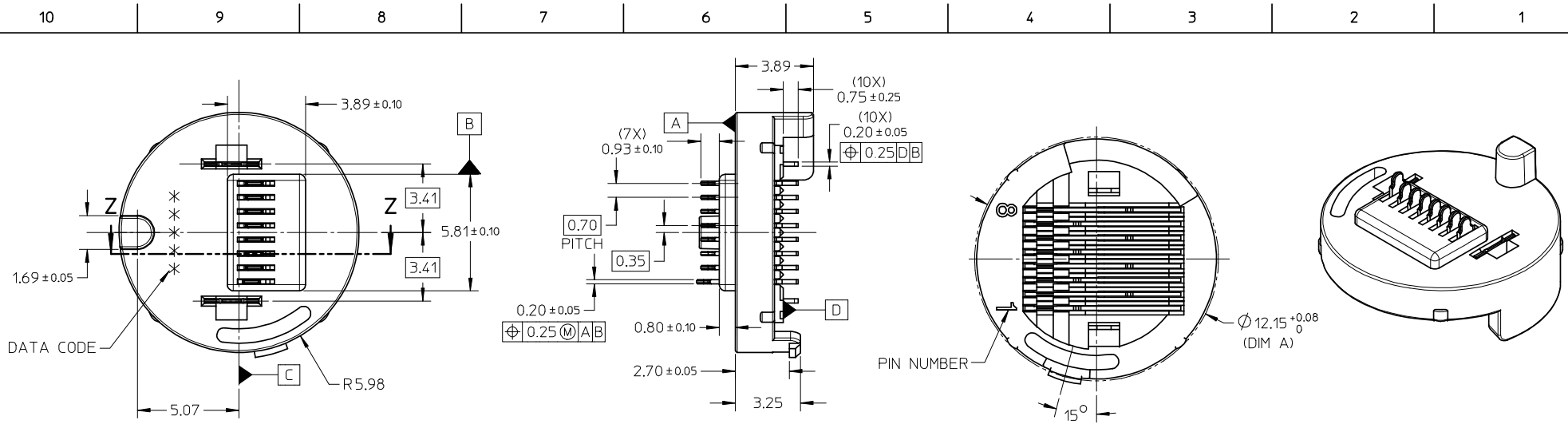
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

47613Series

This document was generated on 05/26/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



RECOMMENDED PCB LAYOUT
(DEFAULT TOLERANCE:±0.05)
BOTTOM VIEW

- NOTE:
- MATERIAL:
HOUSING: NYLON, GLASS FILLED, UL 94V-0, COLOR IS BLACK
TERMINAL: COPPER ALLOY, 0.20 mm
FITTING_NAIL: COPPER ALLOY, 0.20mm
 - FINISH:
CONTACT AREA: 15 MICRO INCHES GOLD PLATING OVER 50 MICRO INCHES MIN NICKEL
SOLDER AREA: GOLD FLASH OVER 50 MICRO INCHES MIN NICKEL
RESET AREA: 50 MICRO INCHES MIN NICKEL
FITTING_NAIL: 100 MICRO INCHES MIN TIN PLATING OVER 50 MICRO INCHES MIN NICKEL
 - PRODUCT SPECIFICATION: PS-47613-001
 - DATE CODE: * * * * (5 DIGITS)
DAY
MONTH
YEAR
 - PIN CONFIGURATION IS AS FOLLOWS:
PIN1--GND
PIN2--SPI-sclk
PIN3--RESET
PIN4--IRQ (This pin is for insert detection)
PIN5--SPI-sdo (omap data out)
PIN6--SPI-sdi (omap data in)
PIN7--SPI-sen
PIN8--VDD

SECTION Z-Z

476130101	12.15 +0.08/0	476130102	476130103	476130004
476130001	NONE(Without Ribs)	476130002	476130203	
FINISH GOODS	DIM A	HOUSING	TERMINAL	FITTING-NAIL

RELEASE EC NO: SH2008-0364 DRWN: YANG13 CH'KD: YLZHU APPR: HWANG A	2008/01/17 2008/02/21 2008/02/21	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
						DRAWN BY DATE		TITLE			
				4 PLACES ± --- ± ---		YLZHU 2007/07/11		SALES DRAWING FOR 8 PIN ACCESSORY CONNECTOR			
				3 PLACES ± --- ± ---		CHECKED BY DATE					
				2 PLACES ± 0.15 ± ---		XIXU 2007/07/11		MOLEX INCORPORATED			
				1 PLACE ± 0.25 ± ---		APPROVED BY DATE					
				ANGULAR ± 3 °		HWWANG 2007/07/11		DOCUMENT NO.		SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-47613-001		1 OF 1	
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					