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Part Number: [0475340001](#)
Status: **Active**
Overview: [battery_connectors](#)
Description: 2.00mm (.079") Pitch L-Cap Battery Connector, SMT, 4 Circuits, PBT Housing, Lead-free

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-47534-001 \(PDF\)](#)

General
Product Family PCB Headers
Series [47534](#)
Application Board-to-Board
Overview [battery_connectors](#)
Product Name Battery Connector, Compression Connector

Physical
Breakaway No
Circuits (Loaded) 4
Circuits (maximum) 4
Color - Resin Black
Durability (mating cycles max) 10,000
First Mate / Last Break No
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part None
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Nickel
Material - Resin High Temperature Thermoplastic
Number of Rows 1
Orientation Right Angle
PCB Locator No
PCB Retention None
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) 30
Plating min: Mating (µm) 0.76
Polarized to Mating Part No
Polarized to PCB No
Shrouded No
Stackable No
Temperature Range - Operating -40°C to +85°C
Termination Interface: Style Surface Mount

Electrical
Current - Maximum per Contact 1.5A
Voltage - Maximum 200V (RMS)

Solder Process Data
Duration at Max. Process Temperature (seconds) 48

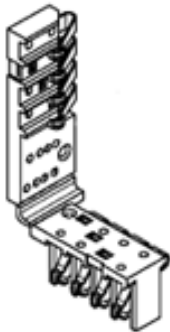


image - Reference only

Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

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
[47534Series](#)

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-47534-001
Product Specification	PS-47534-001
Sales Drawing	SD-47534-001

This document was generated on 05/26/2010

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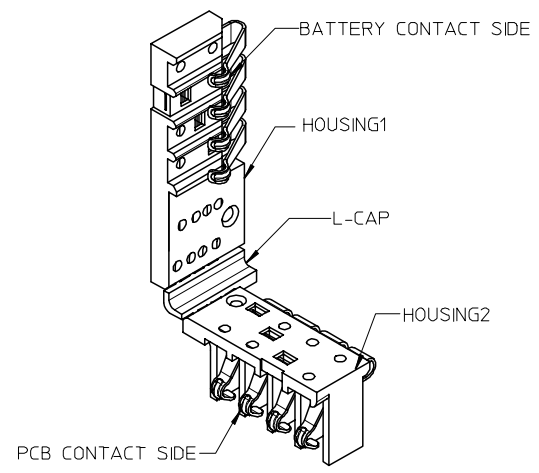
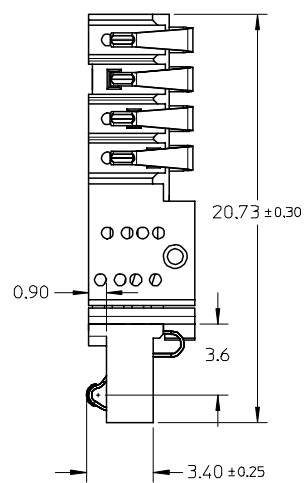
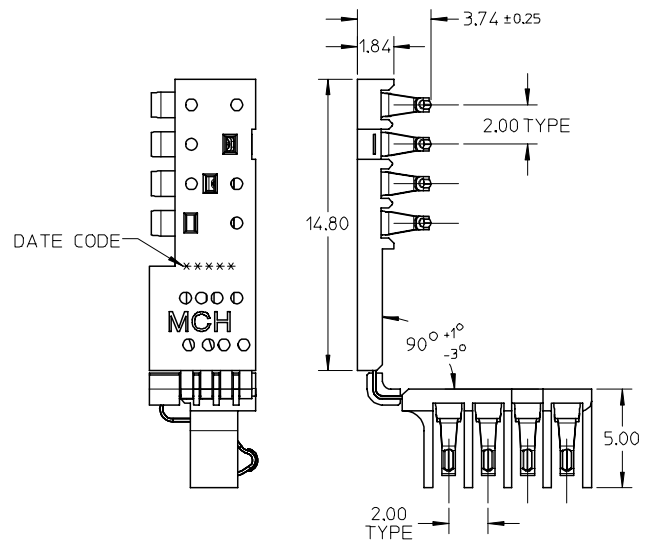
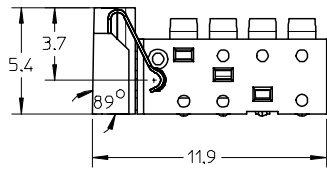
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- NOTE:
- 1. MATERIAL:
HOUSING1&2: LCP, UL 94V-0, COLOR IS BLACK
L-CAP: PBT(Polybutylene Terephthalate), UL 94V-0, COLOR IS BLACK
TERMINAL: COPPER ALLOY C17200 TM06, 0.15 mm
 - 2. FINISH:
CONTACT AREA: 30 MICRO INCHES MIN GOLD PLATING OVER 50 MICRO INCHES MIN NICKEL
 - 3. RECOMMENED WORKING RANGE AND FORCE:
BATTERY SIDE: 0.50mm/30gMIN, 1.00mm/102±30g, 1.25mm/165gMAX
PCB SIDE: 0.60mm/35gMIN, 0.80mm/65±30g, 1.00mm/120gMAX
 - 4. PRODUCT SPECIFICATION: PS-47534-001
 - 5. DATE CODE: * * * * (5 DIGITS)
DAY
MONTH
YEAR

NEW PRODUCT EC NO: SH2008-0184 DRWN: JYANG13 CHKD: YLZHU APPR: HWANG A	2007/11/19 2007/11/29	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
								SD DRAWING 4 PIN COMPRESSION BATTERY CONNECTOR MOLEX INCORPORATED			
				ANGULAR ± 3 °		MATERIAL NO. 475340001		DOCUMENT NO. SD-47534-001		SHEET NO. 1 OF 1	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				