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Part Number:

0474100001

Status:

Active

Overview:

[battery_connectors](#)

Description:

2.00mm (.079") Pitch Battery Connector, 4 Circuits, SMT, Width 7.00mm (.276"), Working Height 3.80mm (.150"), Lead-free

Documents:

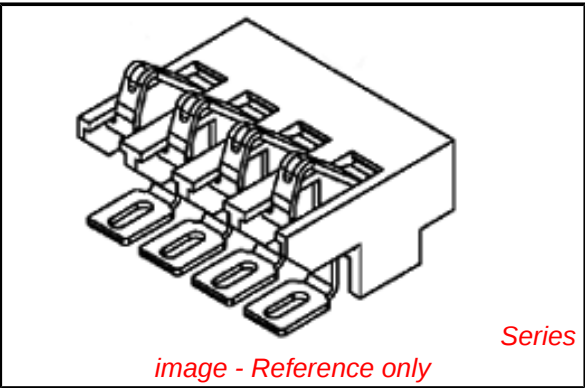
[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-47158-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	PCB Headers
Series	47410
Application	Board-to-Board
Overview	battery_connectors
Product Name	Battery Connector, Compression Connector, One Piece
Physical	
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	10,000
Glow-Wire Compliant	No
Lock to Mating Part	None
Mated Height (in)	0.150 In
Mated Height (mm)	3.80 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Material - Resin	High Performance Thermoplastic
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
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)	0.75
Plating min: Termination (µin)	50
Plating min: Termination (µm)	1.25
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	1A
Voltage - Maximum	200V (RMS)
Material Info	



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free Status

Halogen-Free

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.

China RoHS



Search Parts in this Series

47410Series

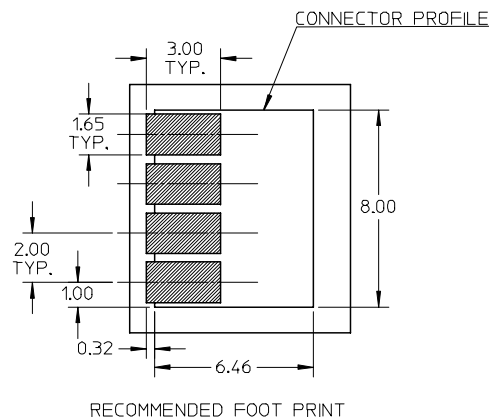
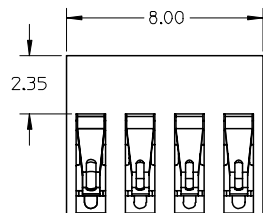
Reference - Drawing Numbers

Product Specification
Sales Drawing

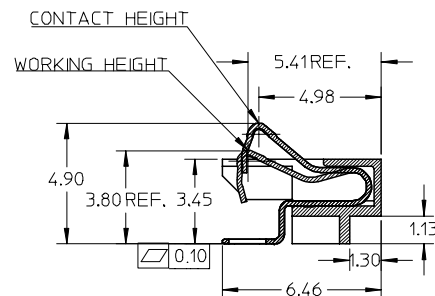
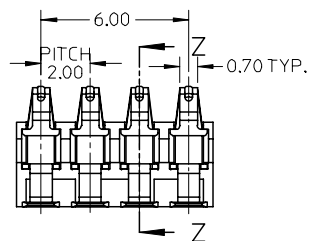
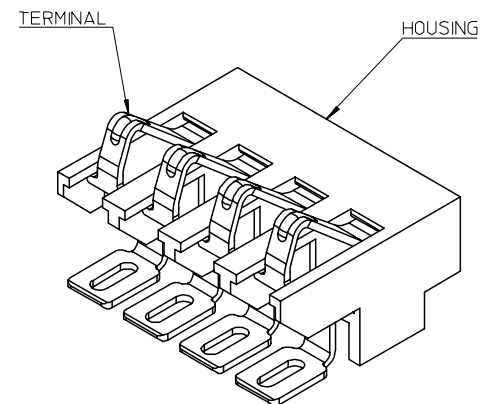
PS-47158-001
SD-47410-001

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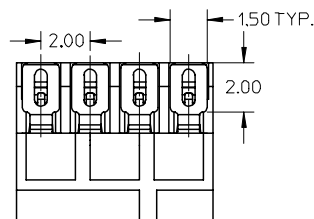
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RECOMMENDED FOOT PRINT



SECTION Z-Z



NOTE:

1.MATERIAL:

HOUSING: LCP, 30% GLASS-FILLED, UL 94V-0, COLOR :BLACK
TERMINAL: 0.20MM PHOSPHOR BRONZE.

2.FINISH:

CONTACT AREA: 0.75 MICRON GOLD MIN OVER 1.25 MICRON NICKEL MIN.
SOLDER AREA: GOLD FLASH OVER 1.25 MICRON NICKEL MIN.
REST AREA: 1.25 MICRON NICKEL MIN.

3.COPLANARITY: 0.1 MAX AMONG THESE SOLDER TAILS.

4.PRODUCT SPECIFICATION: PS-47158-001

5.WORKING HEIGHT: 0.35MM REF.

MODIFY DIMENSION	EC NO: DRWN: LSHEN CHKD: X XU APPR: JNCHEN	2006/05/19 2006/06/07 2006/06/07	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE 2.0MM PITCH 4 CIRCUITS 0.7MM CONTACT WIDTH BATTERY CONNECTOR	
					mm	INCH	DRAWN BY LHSHEN	DATE 2006/02/05					
					4 PLACES	± ---	± ---	CHECKED BY	DATE				
					3 PLACES	± ---	± ---	XU XIANG	2006/04/06				
					2 PLACES	± 0.13	± ---	APPROVED BY	DATE				
B	REV				1 PLACE	± 0.20	± ---	JENNY	2006/04/11	 MOLEX INCORPORATED			
					ANGULAR ± 2 °		MATERIAL NO. 474100001		DOCUMENT NO. SD-47410-001		SHEET NO. 1 OF 1		
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



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