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Part Number:

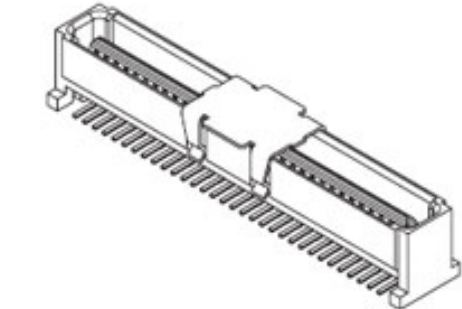
0714360864

Status:

Active

Description:

1.00mm (.039") Pitch Mezzanine IEEE 1386 Plug, Surface Mount, Dual Row, Vertical Stacking, 64 Circuits, 6.35mm (.250") Unmated Height, without PCB Locator Pegs, with Robotic Placement Metal Cap, Embossed Tape on Reel Packaging



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-71436-9999 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	71436
Application	Board-to-Board
Product Name	Mezzanine

Physical

Breakaway	No
Circuits (Loaded)	64
Circuits (maximum)	64
Color - Resin	Natural
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	None
Mated Height (in)	0.315 In
Mated Height (mm)	8.00 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.040 In
PCB Thickness Recommended (mm)	1.00 mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.039 In
Pitch - Mating Interface (mm)	1.00 mm
Plating min: Mating (µin)	30.4
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	76.4
Plating min: Termination (µm)	1.91
Polarized to Mating Part	No
Robotic Placement	Pick and Place Cap
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1A
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EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
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

71436Series

Mates With

714390 for Stack Height 8.00mm (.315")

Voltage - Maximum

100V

Solder Process Data

Lead-free Process Capability

Process Temperature max. C

Reflow Capable (SMT only)

260

Material Info

Reference - Drawing Numbers

Product Specification

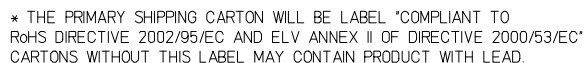
Sales Drawing

PS-71436-9999, RPS-71436-002, RPS-71436-003

SDA-71436-0***

This document was generated on 03/31/2010

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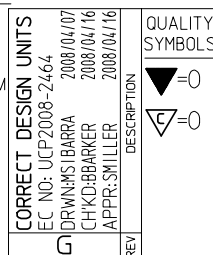


Technical drawing of a housing with dimensions in inches and millimeters:

- Overall width: $\frac{6.60}{.260}$
- Top of housing to seating plane: $\frac{6.35+0.13/-0.18}{.248}$
- Left side dimension: $\frac{1.05}{.041}$
- Bottom left dimension: $\frac{1.20}{.047}$
- Bottom right dimension: $\frac{0.75+0.31/-0.26}{.030}$

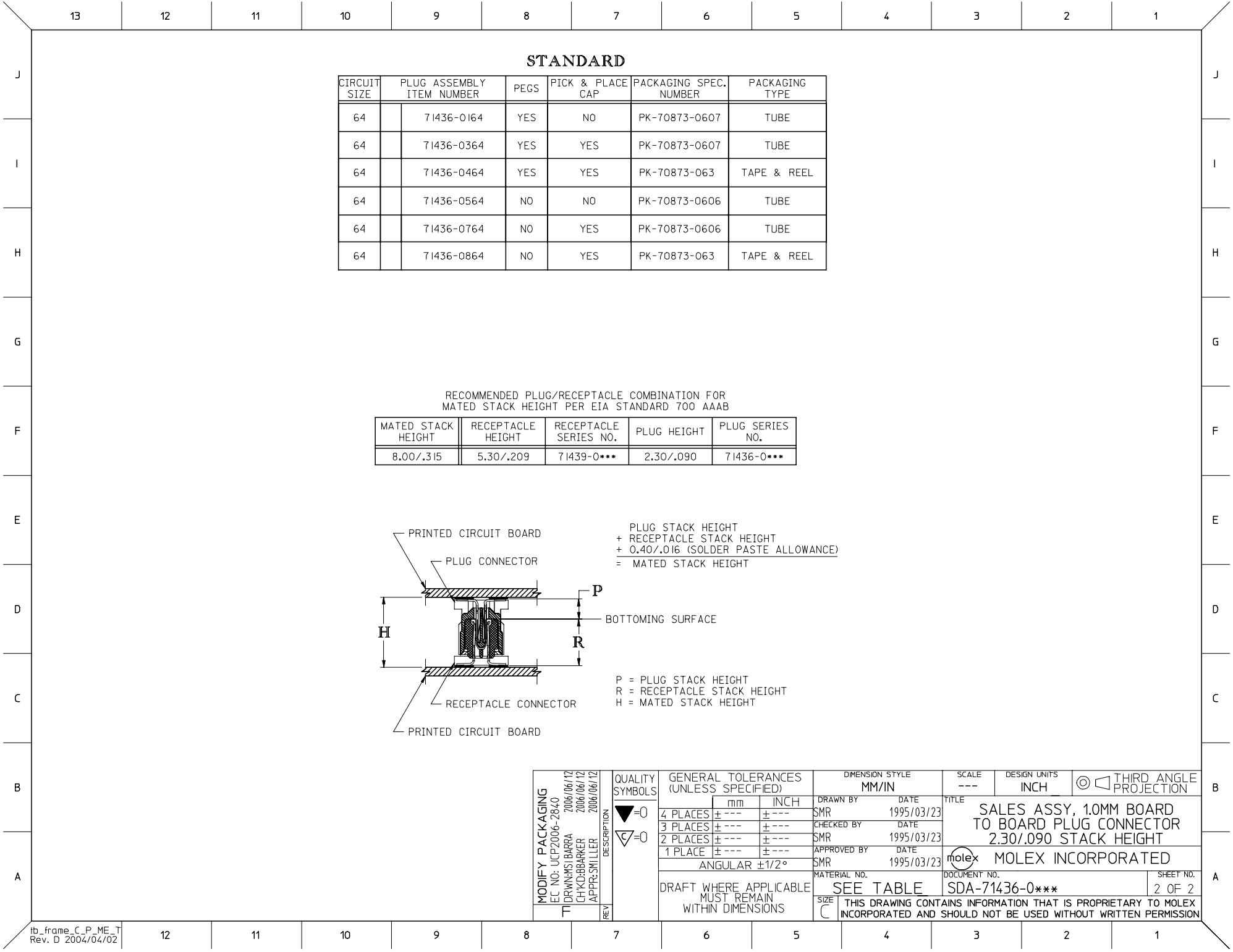
1. 64-CIRCUIT PLUG ASSEMBLY WITH PEGS AND VACUUM CAP SHOWN FOR ILLUSTRATION PURPOSES ONLY.
2. HOUSING MATERIAL: G.F. THERMOPLASTIC; UL RATING: 94V-0; COLOR: WHITE
TERMINAL MATERIAL: PHOSPHOR BRONZE; 0.205/0.080 THICK
VACUUM CAP MATERIAL: STAINLESS STEEL; 0.255/0.100 THICK
3. COPLANARITY OF SMT TAILS: 0.10/0.004 MAX.
4. PACKAGING SPECIFICATIONS: REFER TO CHART ON SHEET 2.
5. PEGS ARE OPTIONAL. REFER TO CHART ON SHEET 2.
6. VACUUM PICK & PLACE CAP IS OPTIONAL. REFER TO CHART ON SHEET 2.
7. THIS PART CONFORMS TO EIA STANDARD 700 AAAB FOR 1.0mm TWO-PART CONNECTORS FOR USE WITH PARALLEL PRINTED BOARDS.
8. THIS PART, WHEN MATED WITH MOLEX 1.0mm RECEPTACLE CONNECTOR SERIES 71439, CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-71436-9999. REFER TO CHART ON SHEET 2 FOR MATED STACK HEIGHT(S) FOR THIS PLUG.
9. DIMENSIONS ARE IN MILLIMETER/INCH. INCH DIMENSIONS SHOWN FOR REFERENCE ONLY.

30 GOLD - 0.00076/.000030 MINIMUM GOLD PLATING IN CONTACT AREA,
0.0019/.000075 MINIMUM TIN PLATING IN TERMINAL AREA,
OVER 0.00127/.000050 MINIMUM NICKEL PLATING OVERALL



GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	mm	INCH	TITLE		
	4 PLACES ± --- ± ---	DRAWN BY REED DATE 1995/03/23	SALES ASSY. 1.0MM BOARD TO BOARD PLUG CONNECTOR 2.30/090 STACK HEIGHT		
	3 PLACES ± --- ± .005	CHECKED BY DATE			
	2 PLACES ± 0.13 ± .01	REED 1995/03/23			
1 PLACE ± 0.25 ± ---	APPROVED BY DATE	MOLEX MOLEX INCORPORATED			
ANGULAR ± 1/2°	BIXLER 1995/03/23				
	MATERIAL NO.	DOCUMENT NO.			SHEET NO.
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE		SDA-71436-0***		1 OF 2
	SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

RECOMMENDED PCB THICKNESS: 1.00±0.10/.039±.004 MINIMUM



Данный компонент на территории Российской Федерации

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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