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Part Number: [0714360464](#)
Status: **Active**
Description: 1.00mm (.039") Pitch Mezzanine IEEE 1386 Plug, Surface Mount, Dual Row, Vertical Stacking, 64 Circuits, 6.35mm (.250") Unmated Height, with PCB Locator Pegs, with Robotic Placement Metal Cap, Embossed Tape on Reel Packaging

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

Agency Certification

CSA LR19980
UL E29179

General

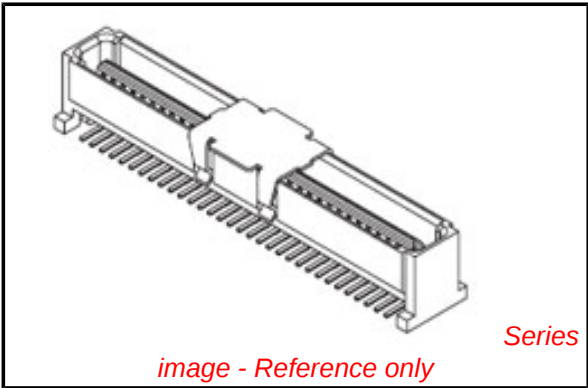
Product Family PCB Headers
Series [71436](#)
Application Board-to-Board
Product Name Mezzanine

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 Yes
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



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Halogen-Free

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

Reflow Capable (SMT only)

Process Temperature max. C

260

Material Info

Reference - Drawing Numbers

Product Specification

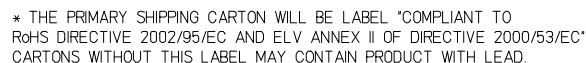
PS-71436-9999, RPS-71436-002, RPS-71436-003

Sales Drawing

SDA-71436-0***

This document was generated on 03/31/2010

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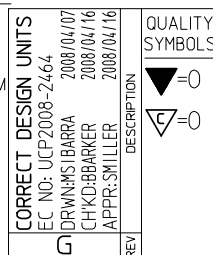


Technical drawing of a housing with dimensions and tolerances:

- Top width: $6.60 \pm .260$
- Top of housing to seating plane: $6.35 + 0.13 / - 0.18 \pm .248$
- Left side height: $1.05 \pm .041$
- Bottom left hole: $\varnothing 1.20 \pm .047$
- Bottom right hole: $0.75 + 0.31 / - 0.26 \pm .030$

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	DRAWN BY	DATE	SALES ASSY. 1.0MM BOARD TO BOARD PLUG CONNECTOR 2.30/0.90 STACK HEIGHT  MOLEX INCORPORATED	
4 PLACES	± .---	± .---	REED	1995/03/23		
3 PLACES	± .---	± .005	CHECKED BY	DATE		
2 PLACES	± 0.13	± .01	REED	1995/03/23		
1 PLACE	± 0.25	± .---	APPROVED BY	DATE		
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
		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

