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Part Number: [0714361864](#)
Status: **Active**
Description: 1.00mm (.039") Pitch Mezzanine IEEE 1386 Plug, Surface Mount, Dual Row, Vertical Stacking, 64 Circuits, 7.35mm (.289") Unmated Height, without 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

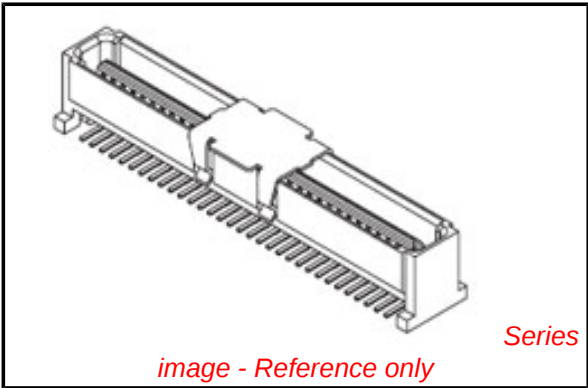
Product Family PCB Headers
Series [71436](#)
Application Board-to-Board
Product Name Mezzanine

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) 0.354 In, 0.433 In, 0.551 In
Mated Height (mm) 11.00 mm, 14.00 mm, 9.00 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



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
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.

Search Parts in this Series
[71436Series](#)

Mates With
[714390](#) for Stack Height 9mm, [714391](#) for Stack Height 11mm, [714393](#) for Stack Height 14mm

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
Sales Drawing	SDA-71436-1***

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STANDARD

CIRCUIT SIZE	PLUG ASSEMBLY ITEM NUMBER	PEGS	CONTACT PLATING SEE PLATING NOTES	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64	71436-1164	YES	30 GOLD	NO	PK-70873-0607	TUBE
64	71436-1364	YES	30 GOLD	YES	PK-70873-0607	TUBE
64	71436-1464	YES	30 GOLD	YES	PK-70873-063	TAPE & REEL
64	71436-1564	NO	30 GOLD	NO	PK-70873-0606	TUBE
64	71436-1664	NO	30 GOLD	YES MATTE FINISH	PK-70873-063	TAPE & REEL
64	71436-1764	NO	30 GOLD	YES	PK-70873-0606	TUBE
64	71436-1864	NO	30 GOLD	YES	PK-70873-063	TAPE & REEL
64	71436-1264	YES	50 GOLD	NO	PK-70873-0607	TUBE
64	71436-1064	NO	50 GOLD	NO	PK-70873-0607	TUBE

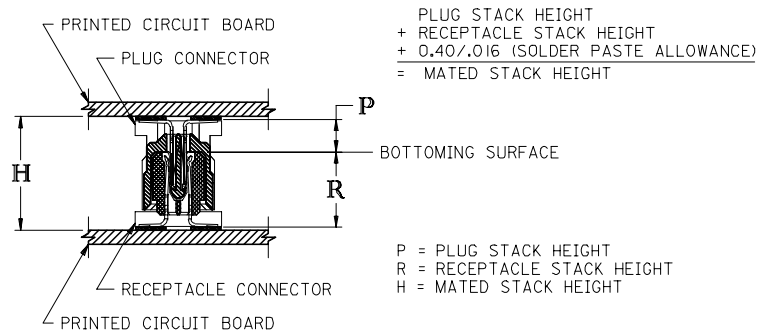
RECOMMENDED PLUG/RECEPTACLE COMBINATION FOR
MATED STACK HEIGHT PER EIA STANDARD 700 AAAB

MATED STACK HEIGHT	RECEPTACLE HEIGHT	RECEPTACLE SERIES NO.	PLUG HEIGHT	PLUG SERIES NO.
9.00/.354	5.30/.209	71439-0***	3.30/.130	71436-1***
11.00/.433	7.30/.287	71439-1***	3.30/.130	71436-1***
14.00/.551	10.30/.406	71439-3***	3.30/.130	71436-1***

PLATING NOTES:

30 GOLD: 0.76 MICROMETERS/(30 MICROINCHES) MINIMUM SELECTIVE GOLD (Au) IN THE CONTACT AREA
1.88 MICROMETERS/(75 MICROINCHES) MINIMUM SELECTIVE TIN (Sn) IN THE PC TAIL AREA
NICKEL UNDERPLATE OVERALL

50 GOLD: 1.27 MICROMETERS/(50 MICROINCHES) MINIMUM SELECTIVE GOLD (Au) IN THE CONTACT AREA
1.88 MICROMETERS/(75 MICROINCHES) MINIMUM SELECTIVE TIN (Sn) IN THE PC TAIL AREA
NICKEL UNDERPLATE OVERALL



ADD 71436-1064/-1264 EC NO: UCP2007-2420 DRAWN BY: BARRA 2007/05/08 CHKD: JORGAN 2007/05/17 APPR: MILLER 2007/05/18	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY	DATE	TITLE SALES ASSY, 1.0MM BOARD TO BOARD PLUG CONNECTOR 3.30/.130 STACK HEIGHT		
				4 PLACES	± ---	± ---	REED	1995/03/23			
				3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX MOLEX INCORPORATED		
				2 PLACES	± ---	± ---	REED	1995/03/23			
				1 PLACE	± ---	± ---	APPROVED BY	DATE	MATERIAL NO. DOCUMENT NO. SHEET NO. SEE TABLE SDA-71436-1*** 2 OF 2		
				ANGULAR ±1/2°		BIXLER	1995/03/23				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
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