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Part Number: [0714361564](#)
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, without Robotic Placement Metal Cap, Tube Packaging

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

Agency Certification

CSA LR19980
UL E29179

General

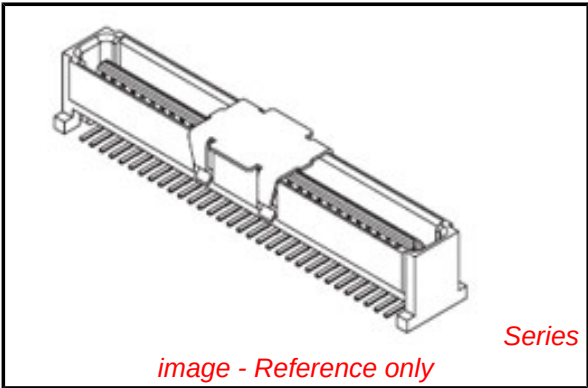
Product Family PCB Headers
Series [71436](#)
Application Board-to-Board
Product Name Mezzanine

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 Tube
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
Shrouded Fully
Stackable No
Temperature Range - Operating -55°C to +85°C
Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 1A
Voltage - Maximum 100V



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

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

Solder Process Data

Lead-free Process Capability	Reflow Capable (SMT only)
Process Temperature max. C	260

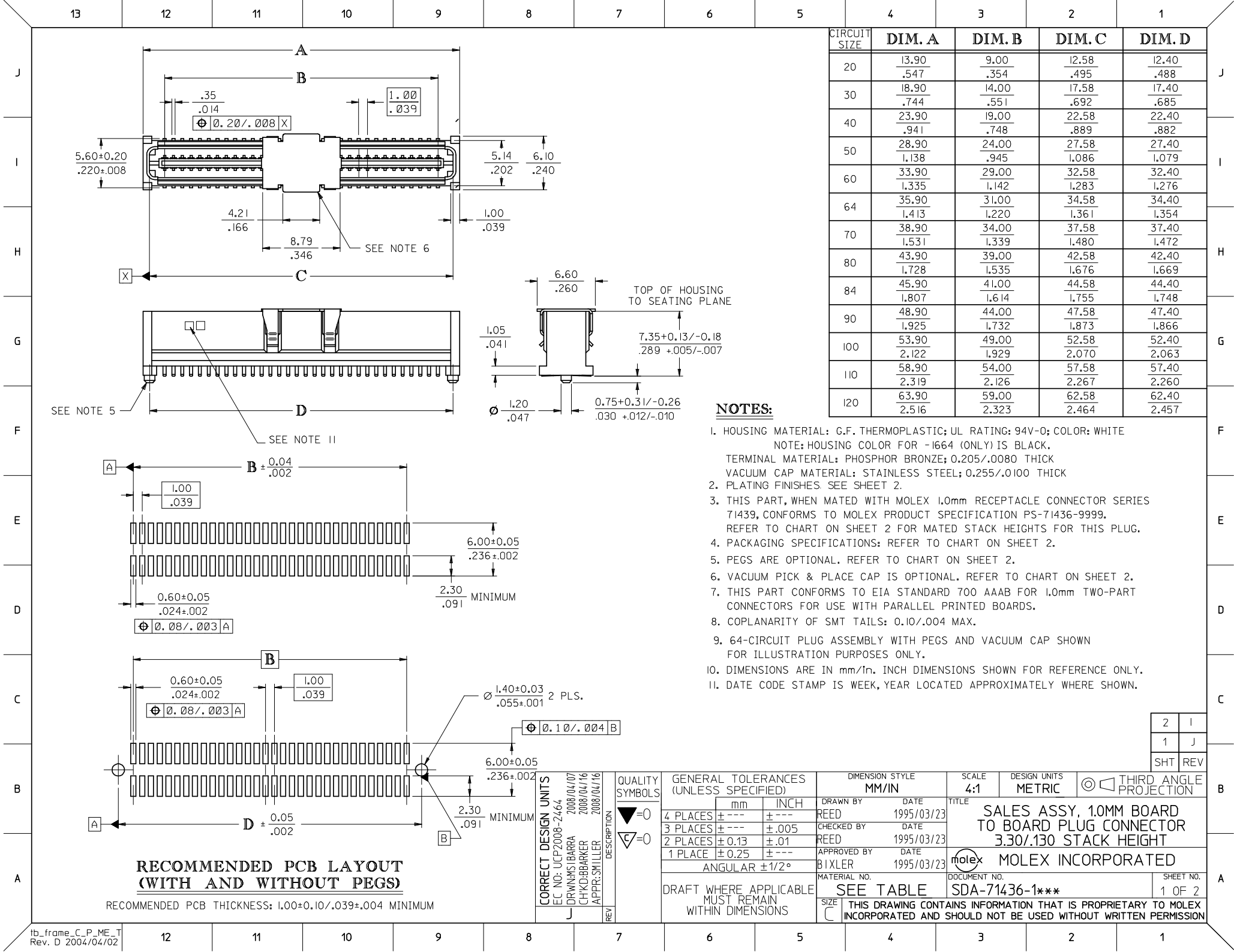
Material Info

Reference - Drawing Numbers

Product Specification	PS-71436-9999
Sales Drawing	SDA-71436-1***

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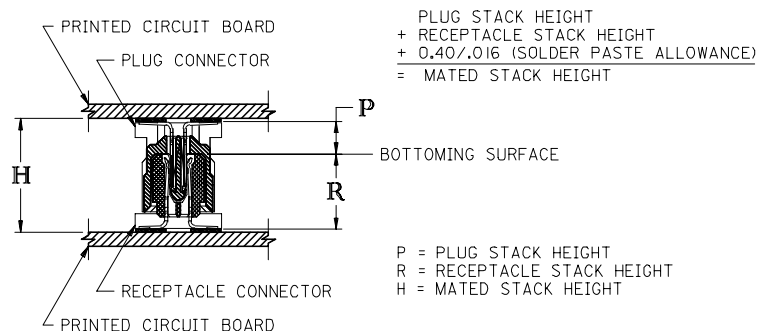
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CIRCUIT SIZE	PLUG ASSEMBLY ITEM NUMBER	PEGS	CONTACT PLATING SEE PLATING NOTES	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64	71436-1164	YES	30 GOLD	NO	PK-70873-0607	TUBE
64	71436-1364	YES	30 GOLD	YES	PK-70873-0607	TUBE
64	71436-1464	YES	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

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***

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



ib_frame_C_P_ME_T
Rev. D 2004/04/02