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Part Number:

0714392164

Status:

Active

Description:

1.00mm (.039") Pitch Mezzanine IEEE 1386 Receptacle, Surface Mount, Dual Row, Vertical Stacking, Tube, 0.76µm (30µ") Gold (Au), 64 Circuits

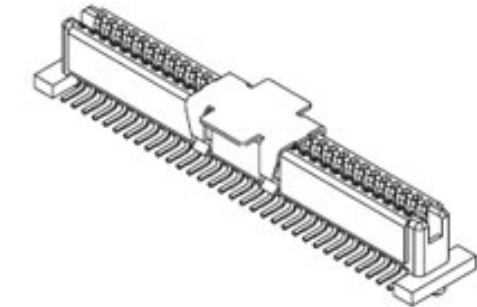


image - Reference only

Series

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 Receptacles
Series	71439
Application	Board-to-Board
Comments	Plugs
Product Name	Mezzanine

Physical

Circuits (Loaded)	64
Color - Resin	Natural
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Mated Height (in)	0.512 In
Mated Height (mm)	13.00 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
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 PCB	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

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

Solder Process Data

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

Material Info

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
[71439Series](#)

Mates With
[714362](#) for Stack Height 13.00mm (.512")

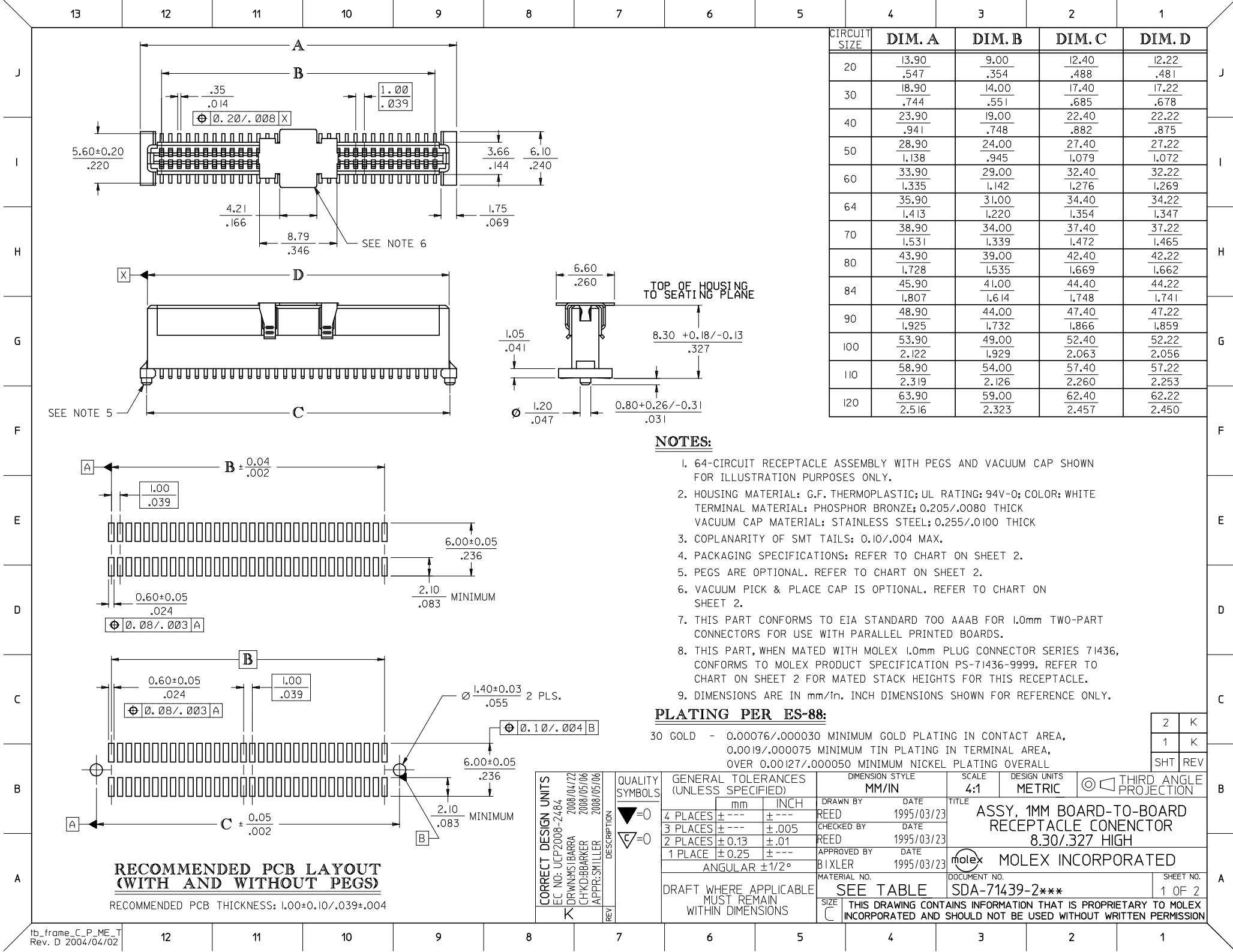
Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-71436-9999
SDA-71439-2***

This document was generated on 03/31/2010

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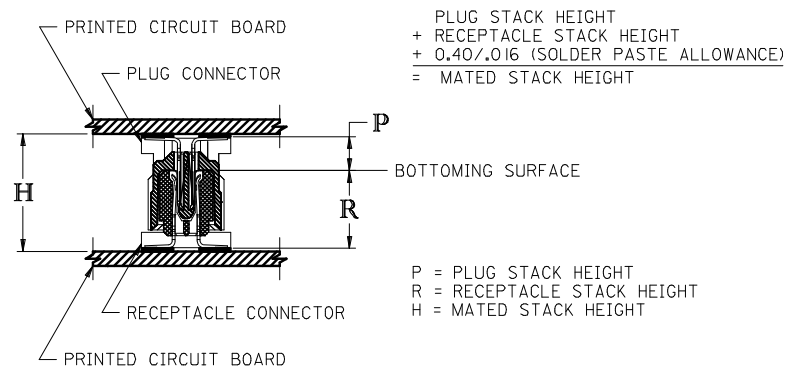


CIRCUIT SIZE	RECEPTACLE ASSY. ITEM NUMBER		PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64		71439-2164	YES	NO	PK-70873-0601	TUBE
64		71439-2864	NO	YES	PK-70873-063	TAPE & REEL
64		71439-2564	NO	NO	PK-70873-0683	TUBE

CIRCUIT SIZE	RECEPTACLE ASSY. ITEM NUMBER		PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64		71439-2464	YES	YES	PK-70873-063	TAPE & REEL

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.
13.00/.512	8.30/.327	71439-2***	4.30/.169	71436-2***



CORRECT DESIGN UNITS EC NO: UCP2008-2484 DRAWN BY: IBARRA CHKD BY: BARKER APPR: MILLER REV: K	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY	DATE	TITLE				
			4 PLACES ±---	±---	REED	1995/03/23	ASSY, 1MM BOARD-TO-BOARD				
			3 PLACES ±---	±---	CHECKED BY	DATE	RECEPTACLE CONNECTOR				
			2 PLACES ±---	±---	REED	1995/03/23	8.30/.327 HIGH				
			1 PLACE ±---	±---	APPROVED BY	DATE	MOLEX INCORPORATED				
			ANGULAR ±1/2°		BIXLER	1995/03/23	DOCUMENT NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		SHEET NO. 2 OF 2							
SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									