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Part Number:

0714393264

Status:

Active

Description:

1.00mm (.039") Pitch Mezzanine IEEE 1386 Receptacle, Surface Mount, Dual Row, Vertical Stacking, Embossed Tape on Reel, 1.27µm (50µ") Gold (Au), 64 Circuits Pick and Place Cap

Documents:

3D Model

Drawing (PDF)

Product Specification PS-71436-9999 (PDF)

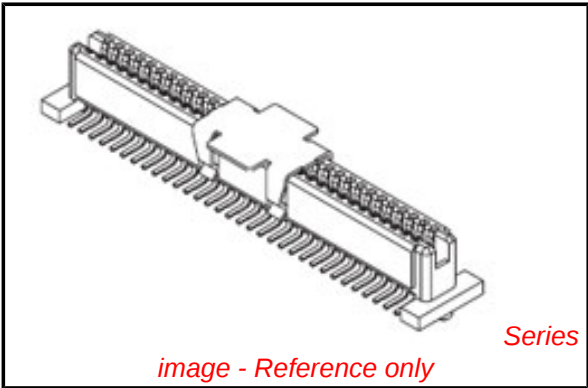
RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Receptacles
Series	71439
Application	Board-to-Board
Comments	Plugs
Product Name	Mezzanine
Physical	
Circuits (Loaded)	64
Color - Resin	Natural
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Mated Height (in)	0.551 In, 0.591 In
Mated Height (mm)	14.00 mm, 15.00 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	Yes
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)	50.8
Plating min: Mating (µm)	1.27
Plating min: Termination (µin)	76.4
Plating min: Termination (µm)	1.91
Polarized to PCB	No
Robotic Placement	Pick and Place Cap
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

714361 for Stack Height 14.00mm (.551"),
714362 for Stack Height 15.00mm (.591")

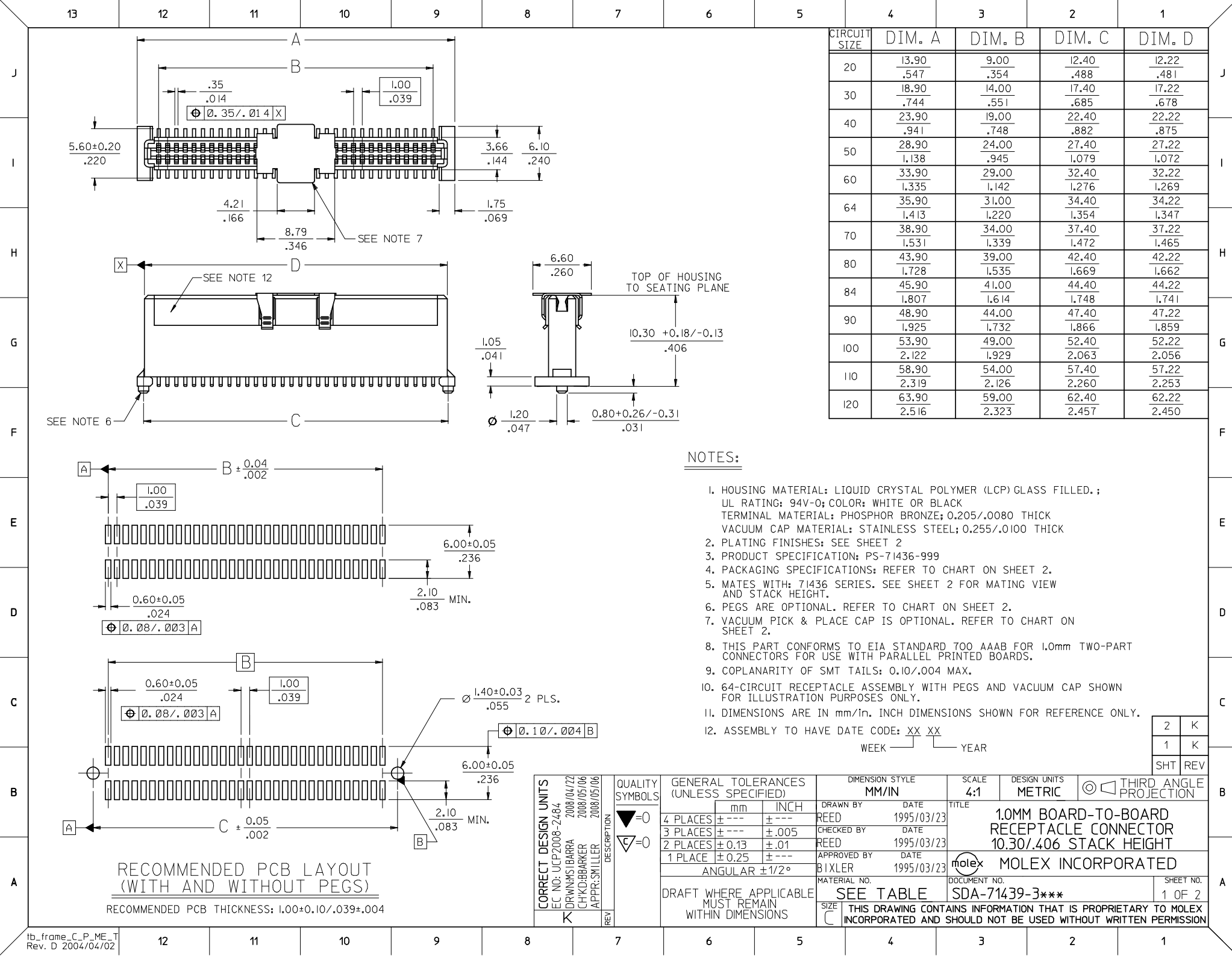
Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-71436-9999
SDA-71439-3***

This document was generated on 03/31/2010

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WHITE (NATURAL) MATERIAL

CIRCUIT SIZE	RECEPTACLE ASSY. ITEM NUMBER	PEGS	CONTACT PLATING (SEE PLATING NOTES)	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64	71439-3164	YES	30 GOLD	NO	PK-70873-0693	TUBE
64	71439-3364	YES	30 GOLD	YES	PK-70873-0693	TUBE
64	71439-3464	YES	30 GOLD	YES	PK-70873-063	TAPE & REEL
64	71439-3564	NO	30 GOLD	NO	PK-70873-0692	TUBE
64	71439-3764	NO	30 GOLD	YES	PK-70873-0692	TUBE
64	71439-3864	NO	30 GOLD	YES	PK-70873-063	TAPE & REEL
64	71439-3264	NO	50 GOLD	YES	PK-70873-063	TAPE & REEL

PLATING NOTES:

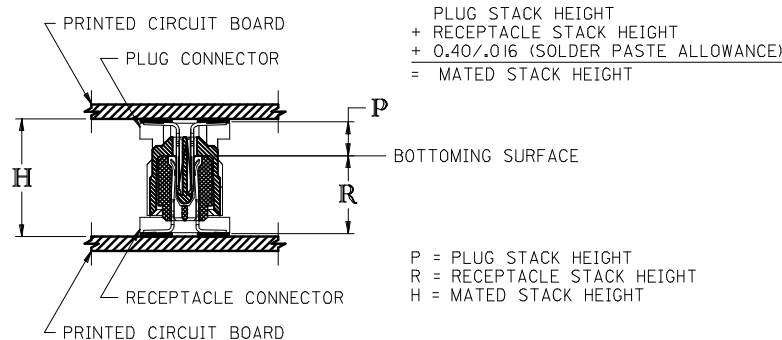
30 GOLD: SELECTIVE GOLD (Au) IN THE CONTACT AREA;
THICKNESS = 0.76 MICROMETERS (30 MICROINCHES) MINIMUM;
SELECTIVE TIN (Sn) IN THE PC TAIL AREA;
THICKNESS = 1.88 MICROMETERS (75 MICROINCHES) MINIMUM;
NICKEL UNDERPLATE OVERALL.

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

*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

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.
14.00/.551	10.30/.406	71439-3***	3.30/.130	71436-1***
15.00/.591	10.30/.406	71439-3***	4.30/.169	71436-2***



CORRECT DESIGN UNITS EC NO: UCP2008-2484 DRAWN: MS1BARRA 2008/04/22 CHKD: BBARKER 2008/05/06 APPR: SMILLER 2008/05/06	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY REED	DATE 1995/03/23	ASSY 1.0MM BOARD-T-BOARD RECEPTACLE CONNECTOR 10.30/406 STACK HEIGHT			
			4 PLACES	± ---	± ---	CHECKED BY	DATE 1995/03/23				
			3 PLACES	± ---	± ---	REED	DATE 1995/03/23				
			2 PLACES	± ---	± ---	APPROVED BY	DATE 1995/03/23	MOLEX INCORPORATED			
			1 PLACE	± ---	± ---	BIXLER	DATE 1995/03/23				
			ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SDA-71439-3***		2 OF 2				
SIZE			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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

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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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