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Part Number:

0444720256

Status:

Active

Description:

4.20mm (.165") Pitch Mini-Fit HCS™ Header, Dual Row, Vertical, without Snap-in Plastic Peg PCB Lock, 2 Circuits, PA Polyamide Nylon 6/6 94V-2, with Drain Holes

Documents:

3D Model

Drawing (PDF)

Packaging Specification (PDF)

Product Specification PS-44476-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

44472

Application

Wire-to-Board

Comments

Square Pin|Solder Type

Product Name

Mini-Fit HCS™

Physical

Breakaway

No

Circuits (Loaded)

2

Circuits (maximum)

2

Color - Resin

Natural

Durability (mating cycles max)

30

Flammability

94V-2

Glow-Wire Compliant

No

Material - Metal

High Performance Alloy (HPA)

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Nylon

Number of Rows

2

Orientation

Vertical

PCB Locator

Yes

PCB Retention

None

PCB Thickness Recommended (in)

0.070 In

PCB Thickness Recommended (mm)

1.80 mm

Packaging Type

Tray

Pitch - Mating Interface (in)

0.165 In

Pitch - Mating Interface (mm)

4.20 mm

Plating min: Mating (µin)

101.6

Plating min: Mating (µm)

2.54

Plating min: Termination (µin)

101.6

Plating min: Termination (µm)

2.54

Polarized to PCB

Yes

Shrouded

Partial

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

11A

Voltage - Maximum

600V

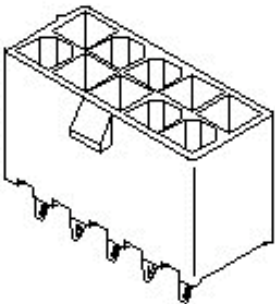


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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

44472Series

Mates With

5557d

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

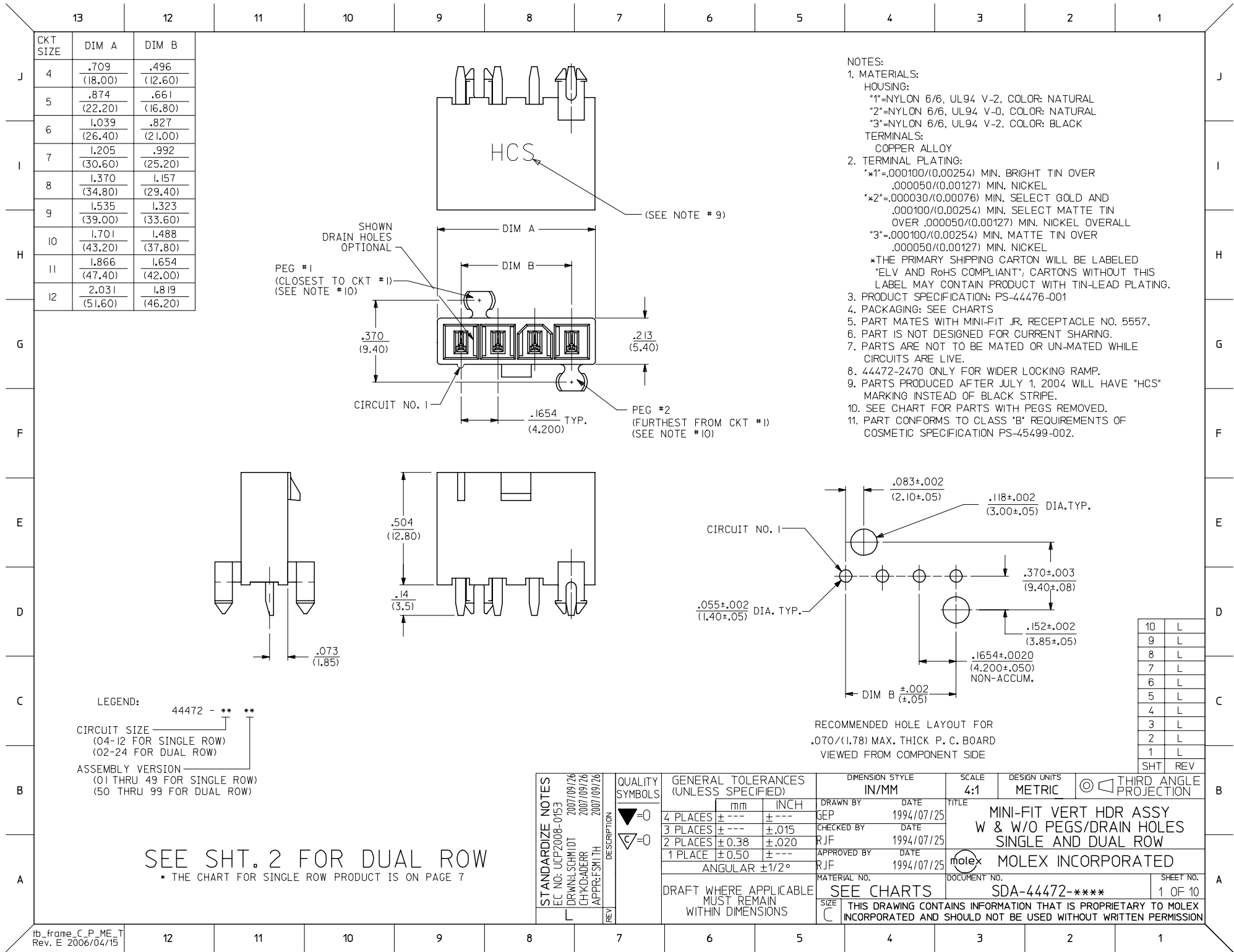
Material Info

Reference - Drawing Numbers

Product Specification	PS-44476-001, RPS-44476-001
Sales Drawing	SDA-44472-****

This document was generated on 04/21/2010

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	13	12	11	10	9	8	7	6	5	4	3	2	1	
J	PLATING: 1 (SEE NOTE 2)			PLATING: 1 (SEE NOTE 2)			PLATING: 1 (SEE NOTE 2)			PIN NO:				
	DRAINS: WITH DRAIN HOLES			DRAINS: WITH DRAIN HOLES			DRAINS: WITH DRAIN HOLES			DRAINS:				
	PEGS: WITHOUT PEGS			PEGS: WITHOUT PEGS			PEGS: WITH PEGS			PEGS:				
	MAT'L: 94V-2 [NATURAL]			MAT'L: 94V-0 [NATURAL]			MAT'L: 94V-2 [BLACK]			MAT'L:				
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	44472-2256		22	44472-2257		22	44472-2258		22	-		-		
	44472-2456		24	44472-2457		24	44472-2458		24	-		-		
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PLATING REFERENCE EC NO: UCP2008-0153 2007/09/26 DRWNLSCHMI DT 2007/09/26 CHKD:ADERR 2007/09/26 APPR:FSM TH 2007/09/26 REV DESCRIPTION QUALITY SYMBOLS ▽=0 ▽=0 GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± --- ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE IN/MM DRAWN BY LEM DATE 1999/02/22 CHECKED BY MAB DATE 1999/02/22 APPROVED BY RRE DATE 1999/02/22 MATERIAL NO. SEE CHART SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION SCALE --- DESIGN UNITS METRIC THIRD ANGLE PROJECTION TITLE MINI-FIT VERT HDR ASSY W & W/O PEGS/DRAIN HOLES SINGLE AND DUAL ROW MOLEX MOLEX INCORPORATED DOCUMENT NO. SDA-44472-**** SHEET NO. 4 OF 10														
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