

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0352100410

Status:

Active

Overview:

kk

Description:

2.50mm (.098") Pitch KK® Board-to-Board Receptacle, Vertical, Mates With 3022-NB, 4 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-3022-NB-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

35210

Application

Board-to-Board

Overview

kk

Product Name

KK®

Physical

Circuits (Loaded)

4

Circuits (maximum)

4

Color - Resin

Natural

Durability (mating cycles max)

30

Flammability

94V-0

Glow-Wire Compliant

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

No

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Nylon

Number of Rows

1

Orientation

Vertical

PCB Locator

No

PCB Retention

None

PCB Thickness Recommended (in)

0.062 In

PCB Thickness Recommended (mm)

1.60 mm

Packaging Type

Bag

Pitch - Mating Interface (in)

0.098 In

Pitch - Mating Interface (mm)

2.50 mm

Polarized to PCB

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

3A

Grounding to PCB

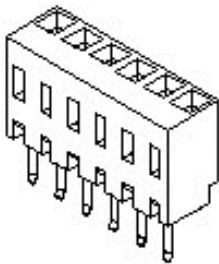
No

Voltage - Maximum

250V

Material Info

Reference - Drawing Numbers



Series

image - Reference only

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

35210Series

Mates With

3022-NB

This document was generated on 06/07/2010

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DO NOT SCALE DRAWING
DIMENSION IN METRIC

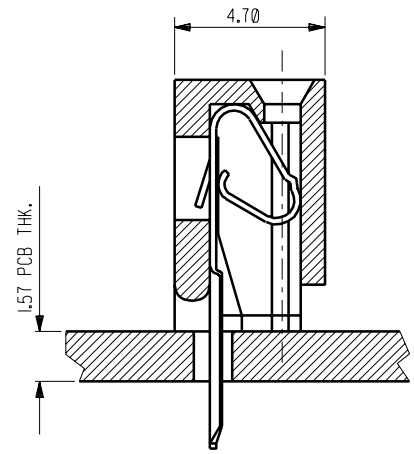
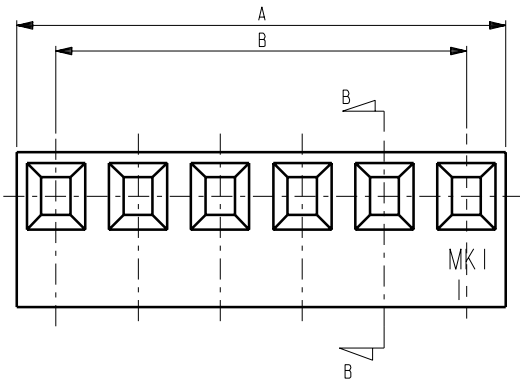
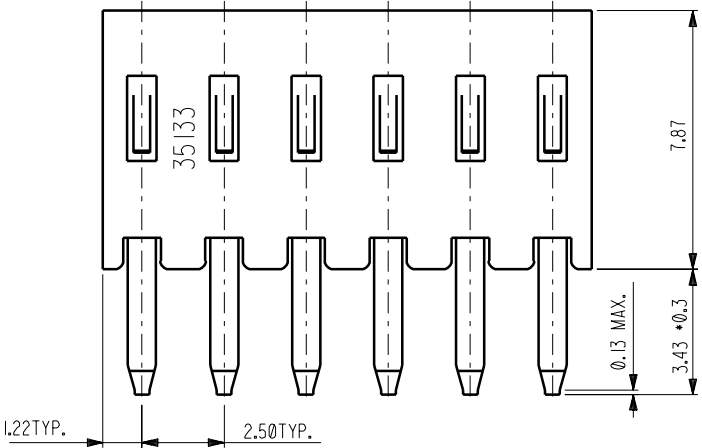
PROJECT NO.

SIMILAR ITEM

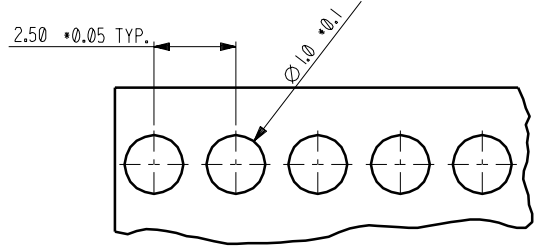
EDP NO.

ENG. NO SDA 35210-***I*

				ASS'Y PART		QTY/REEL OR PACK	SURFACE AREA	MATERIAL	SEE NOTE	WIRE RANGE AWG: — MM ² : —	GENERAL TOLERANCES		MOLEX MOLEX-KOREA CO.,LTD.
				DESCRIPTION	ENG.NO.						DIM. : 0.20 ANGLE : 2°		
C	REVISED	92- 025	92 1/06			DIE NO.	LAYOUT NO.	■ ▼ : CRITICAL □ : MINOR	(X) : MAJOR () : REFERENCE	INSULATION RANGE	REVISE ONLY ON CAD SYSTEM		
B	RELEASED	92- 008	92 2/24								TITLE:		
A	NEW RELEASED	91- 0014	91 9.16								KK2.5 BOARD TO BOARD TOP ENTRY ASS'Y		
I	TEMPORARY RELEASED										ENG.NO.		
LTR	REVISION RECORD	ECN	DR./CHK	DATE	DIE FEED	APPL FEED	WBDW	IBDW	APP'D BY	SCALE	CAD 6-1	SDA-35210-***I*	REV C



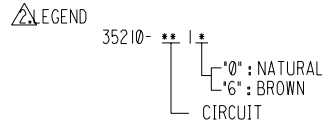
SECTION B-B



PCB LAY OUT

NOTE

1. MATERIAL
HOUSING --- NYLON 66 UL94V-0
TERMINAL --- PHOSPHOR BRONZE



ENG.NO.	△	CKT.SIZE	DIM.A	DIM.B
35210 - 021*		2	4.94	2.50
- 031*		3	7.44	5.00
- 041*		4	9.94	7.50
- 051*		5	12.44	10.00
- 061*		6	14.94	12.50
- 071*		7	17.44	15.00
- 081*		8	19.94	17.50
- 091*		9	22.44	20.00
- 101*		10	24.94	22.50
- 111*		11	27.44	25.00
- 121*		12	29.94	27.50
- 131*		13	32.44	30.00
- 141*		14	34.94	32.50
- 151*		15	37.44	35.00
- 161*		16	39.94	37.50
- 171*		17	42.44	40.00
- 181*		18	44.94	42.50
- 191*		19	47.44	45.00
35210 - 201*		20	49.94	47.50