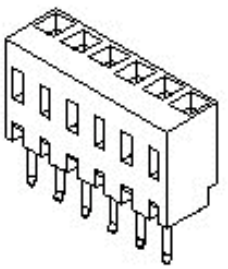
This document was generated on 06/07/2010

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



Series image - Reference only

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

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.

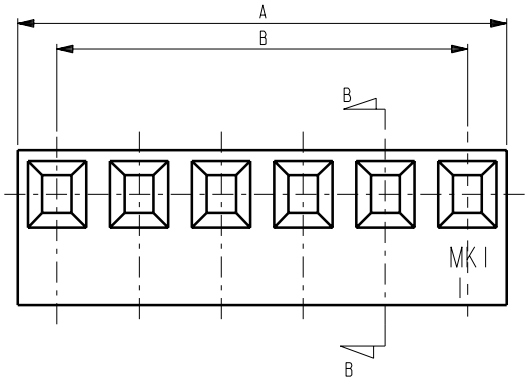
Search Parts in this Series
35210Series

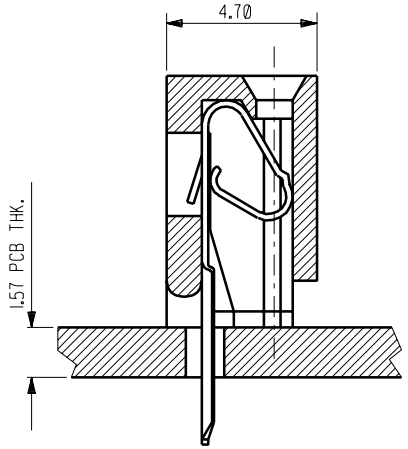
Mates With
3022-NB

Product Specification	PS-3022-NB-001
Sales Drawing	SDA-35210-**1*

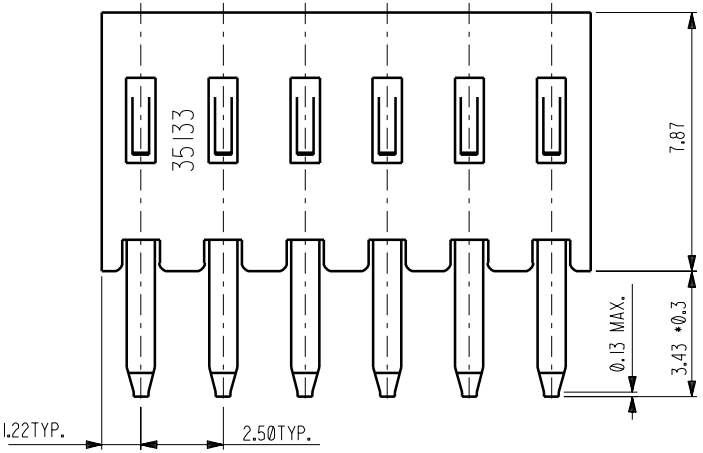
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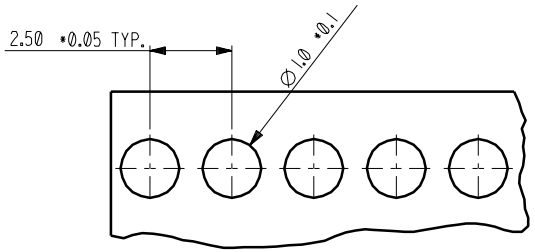
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SECTION B-B





PCB LAY OUT

NOTE

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

2. LEGEND

35210- ** 1 *
- "0" : NATURAL
- "6" : BROWN
- ** : CIRCUIT

ENG.NO. ②	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

ENG. NO SDA 35210-**1*
EDP NO. 35210-**1*
SIMILAR ITEM
PROJECT NO.
DO NOT SCALE DRAWING
DIMENSION IN METRIC

LTR	REVISION RECORD	ECN	DR. CHK	DATE
C	REVISED	92-025	92 7/06	
B	RELEASED	92-008	92 2/24	
A	NEW RELEASED	91-0014	91 9.16	
I	TEMPORARY RELEASED			

ASS'Y PART: DESCRIPTION | ENG.NO.

QTY/REEL OR PACK | SURFACE AREA MM² | MATERIAL SEE NOTE

DIMENSION CLASSIFICATION
■▼ : CRITICAL ⊠ : MAJOR
□ : MINOR ( ) : REFERENCE

DIE NO. | LAYOUT NO.

WIRE CRIMP WIDTH | INS. CRIMP WIDTH

DRAWN BY H.S.SHIN | CHK'D BY

APP'D BY | SCALE CAD 6-1

DIE FEED | APPL FEED | WBDW | IBDW

WIRE RANGE AWG: | MM² :

INSULATION RANGE

GENERAL TOLERANCES
DIM. : 0.20
ANGLE : 2°

molex MOLEX-KOREA CO.,LTD.

REVISE ONLY ON CAD SYSTEM

TITLE: KK.2.5 BOARD TO BOARD TOP ENTRY ASS'Y

ENG.NO. SDA-35210-**1* | REV C