

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0022162180

Status:

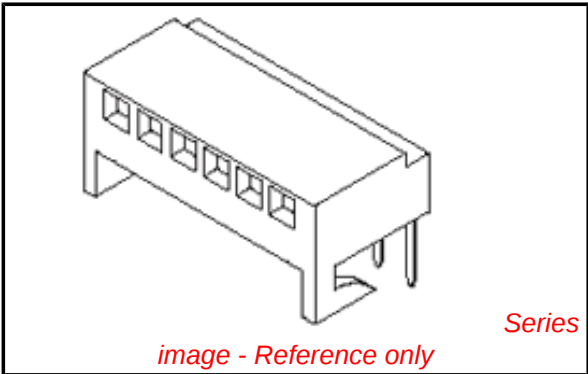
Active

Overview:

KK®

Description:

2.54mm (.100") Pitch KK® PC Board Connector, Right Angle, End-to-End Stackable, 0.38µm (15µ") Gold (Au), 18 Circuits



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Packaging Specification \(PDF\)](#)

[Product Specification PS-10-07 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	PCB Receptacles
Series	4455
Application	Board-to-Board
Overview	KK®
Product Name	KK®
Physical	
Circuits (Loaded)	18
Color - Resin	Natural (White)
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Right Angle
PC Tail Length (in)	0.132 In
PC Tail Length (mm)	3.35 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.375
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
Polarized to PCB	Yes
Temperature Range - Operating	0°C to +75°C
Termination Interface: Style	Through Hole
Electrical	
CSA	LR19980
Current - Maximum	2.5A
Grounding to PCB	No
UL	E29179
Voltage - Maximum	250V

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

4455Series

Mates With

42153 KK® Wire-to-Board Header, 4094 KK® Wire-to-Board Header,, 42376 KK® Header, 42375 KK® Header, 42377 , 42152 KK® Wire-to-Board Header, 4030 KK® Wire-to-Board Header, 4380 KK® Header

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	235

Material Info

Old Part Number	A-4455-AZ18A(208)
-----------------	-------------------

Reference - Drawing Numbers

Product Specification	PS-10-07
Sales Drawing	SDA-4455

This document was generated on 02/11/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION