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**Part Number:** [38-00-1410](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnection System](#)  
**Description:** 2.54mm Pitch KK® PC Board Connector, Bottom Entry, with Cat Ear Terminal, 20 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-99020-0088 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-10-07 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">4455</a>
Application	Board-to-Board, Signal
Overview	<a href="#">KK® Interconnection System</a>
Product Name	KK®
UPC	800753584884

**Physical**

Circuits (Loaded)	20
Circuits (maximum)	20
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	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	2.418/g
Number of Rows	1
Orientation	Bottom Entry
PC Tail Length	3.60mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to PCB	No
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	2.5A
Grounding to PCB	No
Voltage - Maximum	250V

**Solder Process Data**



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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](#) KK® Header, [42152](#) KK® Wire-to-Board Header, [4030](#) KK® Wire-to-Board Header

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-BH20F(P909)
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**Reference - Drawing Numbers**

Product Specification	PS-10-07, PS-99020-0088
Sales Drawing	SDA-4455

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