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Part Number: 0010081121

Status: Active

Overview: <u>kk</u>

Description: 5.08mm (.200") Pitch KK® Header, Vertical, Round Pin, 12 Circuits, Tin (Sn) Plating,

Pin Length 19.05mm (.750")

Documents:

3D Model Product Specification PS-99020-0087 (PDF)
Drawing (PDF) RoHS Certificate of Compliance (PDF)

Agency Certification

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series <u>3003</u>

Application Board-to-Board, Wire-to-Board

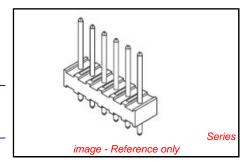
 Overview
 <u>kk</u>

 Product Name
 KK®

Physical

Breakaway No Circuits (Loaded) 12 Circuits (maximum) 12 Color - Resin Natural Durability (mating cycles max) 25 First Mate / Last Break Nο Flammability 94V-2 Glow-Wire Compliant No Guide to Mating Part No Keying to Mating Part None Lock to Mating Part None Material - Metal Brass Material - Plating Mating Tin Material - Plating Termination Tin Material - Resin Nylon Number of Rows

Orientation Vertical PC Tail Length (in) 0.155 In PC Tail Length (mm) 3.94 mm 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) 0.200 In Pitch - Mating Interface (mm) 5.08 mm Pitch - Term. Interface (in) 0.200 In Pitch - Term. Interface (mm) 5.08 mm Plating min: Mating (µin) 200 Plating min: Mating (µm) 5 Plating min: Termination (µin) 200 Plating min: Termination (µm) 5 Polarized to Mating Part No Polarized to PCB No



China RoHS

EU RoHS ELV and RoHS Compliant

REACH SVHC Not Reviewed Halogen-Free

Status Not Reviewed

Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series

3003 Series

Mates With

KK® Crimp Housing $\underline{3001}$, $\underline{5058.~3002}$ KK® PC Board Connector

Shrouded No Stackable No Surface Mount Compatible (SMC) No

Temperature Range - Operating 0°C to +50°C Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 7A Voltage - Maximum 250V

Solder Process Data

Lead-free Process Capability Wave Capable (TH only)

Material Info

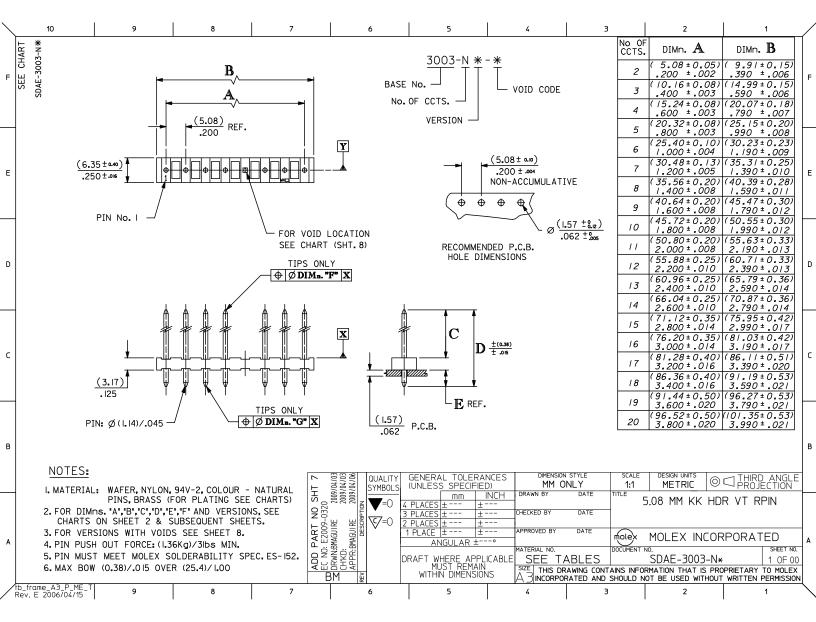
Old Part Number 3003-12A

Reference - Drawing Numbers

Product Specification PS-99020-0087 Sales Drawing SDAE-3003-N*

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	ART 3-N*	INDEX# FOR	R FULL DIN	MENSIONS SEE	RELEVANT SH	EET.								
T SEE CHART SDAE-3003-N*	E CH.	ENG. No.	PLATING	DIM. C	D /M . D	SHT. No.					F			
	SDA	AE-3003-NA	(102)			3								
		AE-3003-NAG	(501)	(11.94)/.470	(19.05) / .750	6								
	\dashv	AE-3003-NA(503)	(503)			6					H			
E		AE-3003-NB	(102)	(16.69)/.657	(23.80)/.937	3								
		AE-3003-NC	(102)	(23.04)/.907	(30.48) / 1.200	3					E			
		AE-3003-NCG	(501)	(23107771307	1301707771200	6								
		AE-3003-ND	(102)	(27.81)/1.095	(34.92) / 1.375	3								
		AE - 3003 - NDG	(501)	(27107771033	(37.327771373	6					\vdash			
D		AE-3003-NF	(102)	(32.56)/1.282	(39.68) / 1.562	3								
		AE - 3003 - NFG	(501)	(32,337,7,1232	(001007) 71002	6								
		AE-3003-N1	(102)	(13.51)/.532	(20.32)/.800	4								
		AE-3003-NJ	(102)	(21.46)/.845	(28.58)/1.125	4								
-		AE-3003-NK	(102)	(18.29)/.720	(25.40)/1.000	4					-			
		AE - 3003 - NS	(501)	(10.2377 .120	(23:40// 1:000	7								
ہ		AE-3003-NM	(102)	(11.89)/.468	(23.80) / .937	4								
С		AE - 3003 - NU	(102)	(11.18)/.440	(17.45) / .687	4								
		AE-3003-NV	(102)	(11.94)/.470	(18.29)/.720	5								
		AE-3003-NY	(102)	(10.90)/.430	(17.45) / .687	5								
В														
	FOR VOID VERSIONS SEE SHEET 8.													
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	No. SE		DIMN. "D"		(19.05) / .750			(23.80)/.937			(30.48) / 1.200			(34.92) / 1.375			(39.68) / 1.562							
	PART DWG.] [D IMN	. "E"	(3.94)/.155				(3.94) / .155			(4.27) / .168			(3.94) / .155				(3.94)/.155					
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