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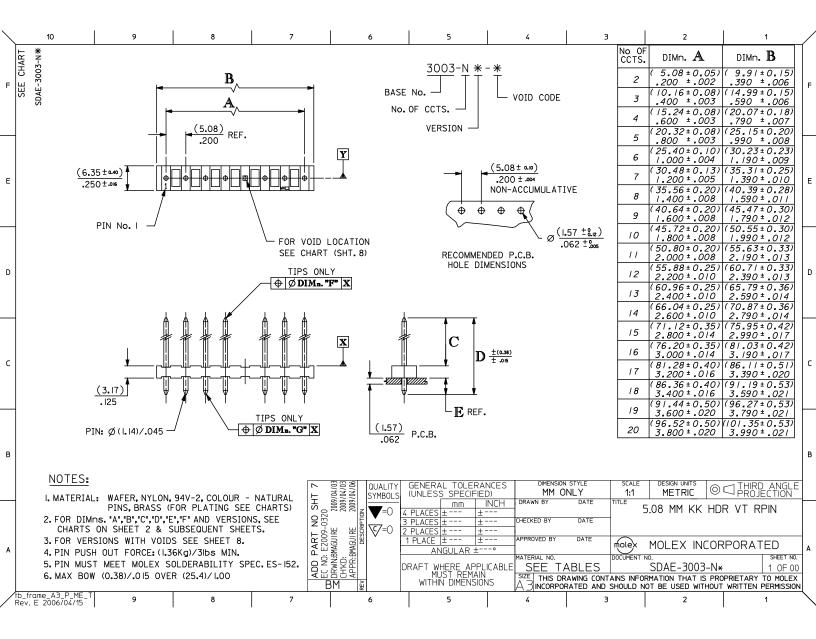
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Part Number:	0010081081		¢.
Status:	Active		Π A
Overview:			
Description:	<u>kk</u> 5.08mm (200") Bitch	KK® Header, Vertical, Round Pin, 8 Circuits, Tin (Sn) Plating,	Din all A
Description.	Length 28.58mm (1.1		
	Longar 20.00mm (1.1	20)	
Documents:			
3D Model		Product Specification PS-99020-0087 (PDF)	and the second s
Drawing (PDF)		RoHS Certificate of Compliance (PDF)	001
			Series
Agency Certifica	ation		image - Reference only
CSA		LR19980	
UL		E29179	EU RoHS China RoHS
			ELV and RoHS
General			Compliant
Product Family		PCB Headers	REACH SVHC
Series		<u>3003</u>	Not Reviewed
Application		Board-to-Board, Wire-to-Board	Halogen-Free
Overview		<u>kk</u>	Status
Product Name		KK®	Not Reviewed
Physical			Need more information on product
Breakaway		No	environmental compliance?
Circuits (Loaded)		8	Email productcompliance@molex.com
Circuits (maximum)		8	For a multiple part number RoHS Certificate of
Color - Resin		Natural	Compliance, click here
Durability (mating cy	cles max)	25	
First Mate / Last Brea		No	Please visit the <u>Contact Us</u> section for any
Flammability		94V-2	non-product compliance questions.
Glow-Wire Complian	t	No	
Guide to Mating Part	t	No	
Keying to Mating Par	rt	None	
Lock to Mating Part		None	Search Parts in this Series
Material - Metal		Brass	<u>3003</u> Series
Material - Plating Ma	iting	Tin	
Material - Plating Ter	rmination	Tin	Mates With
Material - Resin		Nylon	KK® Crimp Housing <u>3001</u> , <u>5058.</u> <u>3002</u> KK®
Number of Rows		1 Vertical	PC Board Connector
Orientation PC Tail Length (in)		0.155 ln	
PC Tail Length (mm))	3.94 mm	
PCB Locator	,	No	
PCB Retention		None	
PCB Thickness Reco	ommended (in)	0.062 ln	
PCB Thickness Reco		1.60 mm	
Packaging Type		Bag	
Pitch - Mating Interfa		0.200 In	
Pitch - Mating Interfa		5.08 mm	
Pitch - Term. Interfac		0.200 In	
Pitch - Term. Interfac		5.08 mm	
Plating min: Mating (200	
Plating min: Mating (5	
Plating min: Termina		200	
Plating min: Termina		5 No	
Polarized to Mating F Polarized to PCB	an	No No	
		NU	

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Shrouded Stackable Surface Mount Compatible (SMC) Temperature Range - Operating Termination Interface: Style	No No 0°C to +50°C Through Hole
Electrical Current - Maximum per Contact Voltage - Maximum	7A 250V
Solder Process Data Lead-free Process Capability	Wave Capable (TH only)
Material Info Old Part Number	300308A
Reference - Drawing Numbers Product Specification Sales Drawing	PS-99020-0087 SDAE-3003-N*

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F	E-300	ENG. No.	PLATING	DIM. C	DIM. D	SHT. No.]								F
L L	SDA	AE-3003-NA	(102)			3]								
		AE - 3003 - NAG	(501)	(11.94)/.470	(19.05)/.750	6									
		AE-3003-NA(503)	(503)			6									-
		AE- 3003-NB	(102)	(16.69)/.657	(23.80)/.937	3									
Е		AE- 3003-NC	(102)	(23.04)/.907	(30.48) / 1.200	3									E
		AE - 3003 - NCG	(501)	(23.04)/.307	130.407 7 1.200	6									
		AE - 3003 - ND	(102)	(27.81)/1.095	(34.92) / 1.375	3									
		AE - 3003 - NDG	(501)			6	-								
		AE - 3003 - NF	(102)	(32.56)/1.282	(39.68) / 1.562	3									
D		AE - 3003 - NFG	(501)			6	-								D
		AE - 3003 - N I	(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	123.40771.000	7									
c		AE - 3003 - NM	(102)	(11.89)/.468	(23.80) / .937	4									c
		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	1								
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				TUT		PLACE ± ±		PROVED BY	DATE	mole	× M∩I		ORPOR	ATED	\dashv
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ART	* Z-M	E	IG. NO.	A	- 3003-	NA	AF - 30	003-NB		AE - 30	03-NC	2	AF	- 3003	- ND	AF-	3003-	NF	
- CHART	-300	_	MN. "C"	(//.94 ±0.5/)			(16.69 ±0.51) .657 ±.020			(23.04	± 0.5/		(27	.8/ ±	0.51)	(32.	F		
NO. SFP	ENG. NO. AE-3003-NA ENG. NO. AE-3003-NA DIMN. "C" (11.94 ± 0.51) .470 ± 0.00 DIMN. "D" (19.05) / .750				(23.80)/.937			.907 ±.020 (30.48) / 1.200				<u>095 ±</u> 92)/		(39.6					
PART	DMC. N	DI	MN. "E"	(3	94)/.	155	(3.94) /.155			(4.27) /.168				94) /	.155	(3.9			
		וס	IMN. "F" (1.0		02)/.	040	(1.02)		(1.02)	1.04	10	(1.	02)/	.040	(1.02)/.040				
		DI	MN. "G"	().	02)/.	040	(1.02)	/.040	(1.02)/.040			(1.02) / .040			(1.0.	040			
E	(102) PLATING TIN (5.0JM)/.000200 MIN. OVER COPPER (2.5JM)/.000100 MIN.				COPPER	(102) TIN (5.0LM)/.000200 MIN. OVER COPPER (2.5LM)/.000100 MIN.			(102) TIN (5.0LM)/.000200 MIN. OVER COPPER (2.5LM)/.000100 MIN.				(102) TIN (5.0uM)/.000200 MIN. OVER COPPER (2.5uM)/.000100 MIN.			(102) TIN (5.0uM)/.000200 MIN. OVER COPPER (2.5uM)/.000100 MIN.			
				PARTI	IO. E	ENG NO.	PART NO.	ENG NO.	PAR	RT NO.	EN	G NO.	PART N	o.	ENG NO.	PART NO	. E	NG NO.	
			2	10-08-1		- 3003-2A		AE - 3003 - 2B	10-00	8-1023	AE - 30	003-2C -3C			- 3003-2D	10-08-102		3003-2F	
			3		031 041	- 3A - 4A	- 1032	- <u>- 3B</u>		- 1033 - 1043	-	- 3C - 4C	- 10		- 4D	- 103		- 3F - 4F	
D			5		051	- 5A	- 1052	- 5B		- 1053		- 5C	- 10		- 5D	- 105	-	- 5F	D
			6		061	- 6A	- 1062	- 6B		- 1063		- 6C	- 10		- 6D	- 106	_	- 6F	
		0	7	- /	071	- 7A	- 1072	- 7B		- 1073		- 7C	- 10	074	- 7D	- 107	6	- 7F	
		1 T S	8		081	- 8A	- 1082	- 8B		- 1083		- 8C	- 10		- 8D	- 108		- 8F	
		C IRCU I	9		09	- 9A	- 1092	- 9B		- 1093		-9C	- 10		-9D	- 109		- 9F	
		I.R	10		101	- 10A	1102	- 10B		- 1103		- 100	- / /	-	- 10D	- 160	-	- 10F	
			11		111	- A - 2A		- / / B - / 2B		- 1 1 3		- 11C - 12C	- / /		- I I D - I 2 D			- 1 I F - 1 2 F	
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			17	- /	171	- 17A	- 1172	- 17B		- 1 7 3		- 17C	- / /	74	- 17D	- / / 7	6	- 17F	
			18		181	- 18A	1102			- 1 1 8 3		- 18C	- / /	84	- 18D		6	- 18F	
			19		191	♦ - 19A				- 1 1 9 3	<u> </u>	- 19C	† - / /		🕴 - 19D		-	• - /9F	
в			20	10-08-1	201 AE ·	- 3003-20A	10-08-1202	AE - 3003 - 20B	10-08	<u>8-1203</u>	AE - 30	003-200	10-08-12	04 AE	- 3003-20D	10-08-120	6 AE -	3003-20F	В
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								FOR	₹∽⊢	N R	1	IGN DIMENSION (PRIMARY) LENT DIMENSION	⊠ (MM) □ IN. SCALE □ (MM)		PART ND.	LEX EURC	IPE	30F 29/8	SIZE
	32-1283											🛛 IN.		SEE CH		SDAE	-3003-N*	B	
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