

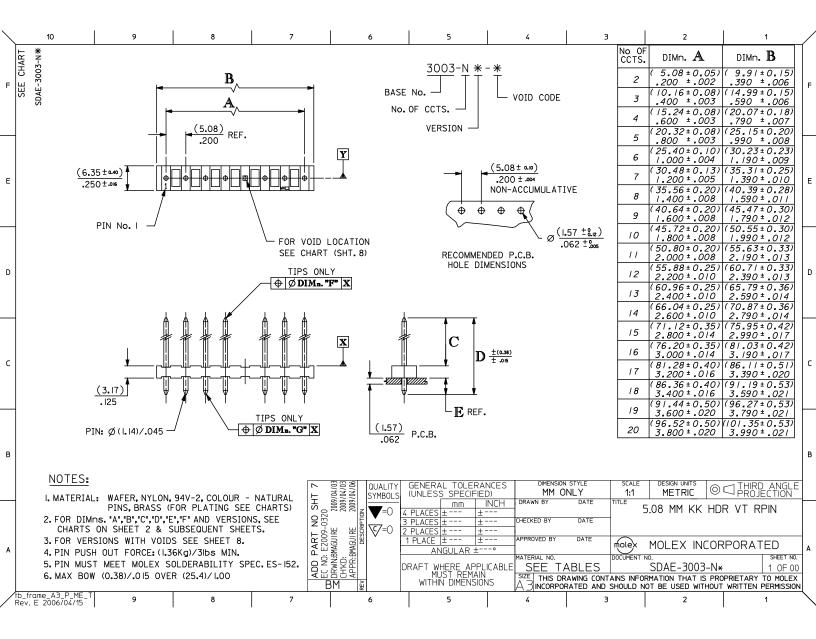
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Part Number:	0010081061		
Status:	Active		Πe.
			ll ll fl e
Overview:	<u>kk</u>		
Description:		KK® Header, Vertical, Round Pin, 6 Circuits, Tin (Sn) Plating, Pin	
	Length 19.05mm (.75	0")	KEYB AL
Documents:			and the second
<u>3D Model</u>		Product Specification PS-99020-0087 (PDF)	or the second se
Drawing (PDF)		RoHS Certificate of Compliance (PDF)	Crigo Sories
			- Series image - Reference only
Agency Certifi	ication		inage - Relefence only
CSA		LR19980	
UL		E29179	EU RoHS China RoHS
General			ELV and RoHS
Product Family		PCB Headers	Compliant REACH SVHC
Series		3003	Not Reviewed
Application		<u>5005</u> Board-to-Board, Wire-to-Board	Halogen-Free
Overview		kk	Status
Product Name		KK®	Halogen-Free
i roudot ridinio			Need more information on product
Physical			environmental compliance?
Breakaway		No	
Circuits (Loaded)		6	Email productcompliance@molex.com
Circuits (maximurr	ר)	6	For a multiple part number RoHS Certificate of
Color - Resin		Natural	Compliance, <u>click here</u>
Durability (mating		25	Please visit the Contact Us section for any
First Mate / Last B	Break	No	non-product compliance questions.
Flammability		94V-2	
Glow-Wire Compli		No	
Guide to Mating P		No None	
Keying to Mating F Lock to Mating Pa		None	Search Parts in this Series
Material - Metal	ii t	Brass	3003Series
Material - Plating N	Mating	Tin	
Material - Plating		Tin	Mates With
Material - Resin		Nylon	KK® Crimp Housing <u>3001</u> , <u>5058.</u> <u>3002</u> KK®
Number of Rows		1	PC Board Connector
Orientation		Vertical	
PC Tail Length (in)	0.155 ln	
PC Tail Length (m	ım)	3.94 mm	
PCB Locator		No	
PCB Retention		None	
PCB Thickness Re		0.062 In	
	ecommended (mm)	1.60 mm	
Packaging Type	rfaaa (in)	Bag 0.200 lp	
Pitch - Mating Inte Pitch - Mating Inte		0.200 ln 5.08 mm	
Pitch - Term. Inter		0.200 ln	
Pitch - Term. Inter		5.08 mm	
Plating min: Matin		200	
Plating min: Matin	a (um)	5	
Plating min: Termi		200	
Plating min: Termi		5	
Polarized to Matin		No	
Polarized to PCB	~	No	

Shrouded Stackable Surface Mount Compatible (SMC) Temperature Range - Operating Termination Interface: Style	No No No 0°C to +50°C Through Hole
Electrical Current - Maximum per Contact Voltage - Maximum	7A 250V
Solder Process Data Duration at Max. Process Temperature (seconds) Lead-free Process Capability Process Temperature max. C	10 Wave Capable (TH only) 260
Material Info Old Part Number	3003-06A
Reference - Drawing Numbers Product Specification Sales Drawing	PS-99020-0087 SDAE-3003-N*

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F C	OLE 01211	INDEX" FOR	FULL DIN	IENSIONS SEE	RELEVANT SH	EET.									
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)			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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		1011 1	UTD VENST	UNS SEL SHEL	_/ 0:										
					QUALITY G	ENERAL TOLERA JNLESS SPECIFIEI			ONLY	SCAL 1:1		IGN UNITS	@디랴	HIRD ANGL	Ē
				с. К	QUALITY G 5000/01/01/02 SYMBOLS ((0000/01/02) C 0000/01/02 C 0000/01/02 C 0000/01/02 C 0000/01/02 C 0000/01/02 C 0000/01/02 C 0000/01/02 C 0000/01/02 C 0000/01/02 C 0000 C 00000 C 0000 C 0	mm	INCH C	RAWN BY	DATE				HDR VT		
				ERR		PLACES ± ±		ECKED BY	DATE		2.00				
				TUT		PLACE ± ±		PROVED BY	DATE	mole	× M∩I		ORPOR	ATED	\dashv
A						ANGULAR ±	MA	TERIAL NO.		DOCUME	NT NO.			SHEET I	
						AFT WHERE APPL MUST REMAIN WITHIN DIMENSION		ZE THIS	CHART DRAWING (ONTAINS IN	FORMATIO	E-3003 n that is	PROPRIETA	2 OF	EX
	_frame_A3	B_P_ME_T 9	8	7	BM 🙀	5			PORATED A	ND SHOULD	D NOT BE	USED WIT	HOUT WRITT	EN PERMISS	
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ART	* Z-M	E	IG. NO. AE-3003-NA			AE - 3003- NB			AE - 3003-NC			AE - 3003 - ND			AE - 3003 - NF				
-п No. SEE_CHART No. SDAE-3003-N#		_	MN. "C"	()	1.94 ±0	.51)	(16.6	9 ±0.51)	(23.04 ±0.51) .907 ±.020			(27.81 ± 0.51) 1.095 ±.020			(32.	F			
NO. SFP	u U DIMN. "C" (171.54 ±.020 470 ±.020 g a DIMN. "D" (19.05) ∕.750				.657±.020 (23.80)/.937			(30.48) / 1.200						(39.6					
PART	DMC. N	DI	MN. "E"	(3	94)/.	155	(3.94)	(4.27) /.168				(3.	94) /	.155	(3.9				
		וס	MN. "F"	(1.02)/.040			(1.02)/.040			(1.02)	1.04	10	(1.	02)/	.040	(1.02) /.040			
		DI	MN. "G"							(1.02)/.040			(1.02) / .040			(1.0.			
E	(102) PLATING TIN (5.00M)/.000200 MIN. OVER COPPER (2.50M)/.000100 MIN.			COPPER	MIN. OVER COPPER			(102) TIN (5.0uM)/.000200 MIN. OVER COPPER (2.5uM)/.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. ENG 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	
с		OF	12		121 131	- 12A - 13A		- 128		- 1 1 2 3 - 1 1 3 3		- 12C - 13C	- / /		- 13D	- / / 2		- 12F - 13F	С
		NO.	13		141	- 14A	1102	- 148		- 1 1 4 3		- 140	- / /	-	- 14D			- 14F	
		Ž	15		151	- 15A		- 158		- 1 1 5 3		- 15C	- / /		- 15D			- 15F	
			16		161	- 16A	1102			- 1 1 6 3		- 160	- / /		- 16D	1.0	-	- 16F	
			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				1				5	Ы	EUUIVA (SI	LENT DIMENSION ECONDARY)	🛛 IN.		SEE CH		SDAE	-3003-N*	B
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