Datasheet 11/10/08 8:49 AM

English 日本語 한국어 简体中文

Search: Enter Part No. or Keyword

🍱 My Parts (0 items) Register Login

Product Name Cross-Ref Catalog Literature Industries Standards **Contact Us About Us** Investors Careers Automation and Electrical Cable **Printed Circuit** And Connectors Sockets **Fiber Optics** I/O Connectors Assemblies **Products** More

Switch Language

English ‡

Need Assistance?

Contact Us Find a Distributor Order Samples **Tech Library**

Printer-friendly page

Email this page

Home PCB Headers Datasheet

Part Number: 0022053021

Status: Active

Description: 2.54mm (.100") Pitch KK® Solid Header, Right Angle, with Friction

Lock, 2 Circuits, Tin (Sn) Plating

Documents:

Note - Please disable browser pop-up blockers for documents on www.molex.com

Drawing (PDF)

Product Specification PS-10-07

(PDF)

3D Model Packaging Specification (PDF)

Related Catalog Page (PDF)

Order Products:

Check Distributor Inventory Add to My Parts

Request Samples

Part Detail: (show all)

Physical Electrical Material Info General

General

Product Family PCB Headers 7478 Series

Wire-to-Board Application

Product Name KK®

Physical

Breakaway No 2 Circuits (Loaded) 2 Circuits (maximum)

Color - Resin Natural (White)

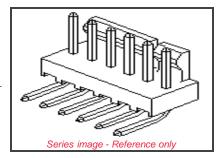
Durability (mating cycles) min 25 cycles 94V-0 Flammability Lock to Mating Part Yes Material - Metal **Brass** Material - Plating Mating Tin Material - Resin Nylon

Number of Rows 1 Orientation Right Angle PC Tail Length (in) 0.141 In

PC Tail Length (mm) 3.58 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) 0.100 In Pitch - Mating Interface (mm) 2.54 mm Polarized to Mating Part Yes Polarized to PCB Yes Shrouded Partial Stackable Yes

Temperature Range - Operating 0°C to +75°C Termination Interface: Style Through Hole



EU RoHS

Go

ELV and RoHS Compliant



Need more information on product compliance?

Email productcompliance@molex.com

Please visit the Contact Us section for any nonproduct compliance questions.

Duration at Max. Process Temperature (seconds)

Wave Lead-free Process Capable (TH Capability

only) Max. Cycles at Max. Process Temperature

Process Temperature max. 235

C

Search Parts in this Series

7478 Series

Mates With

2695, 6471, 7880, 4455, 7720

Datasheet 11/10/08 8:49 AM

Electrical

 CSA
 LR19980

 Current - Maximum
 4.000 Amp

 UL
 E29179

 Voltage - Maximum
 250V

Material Info

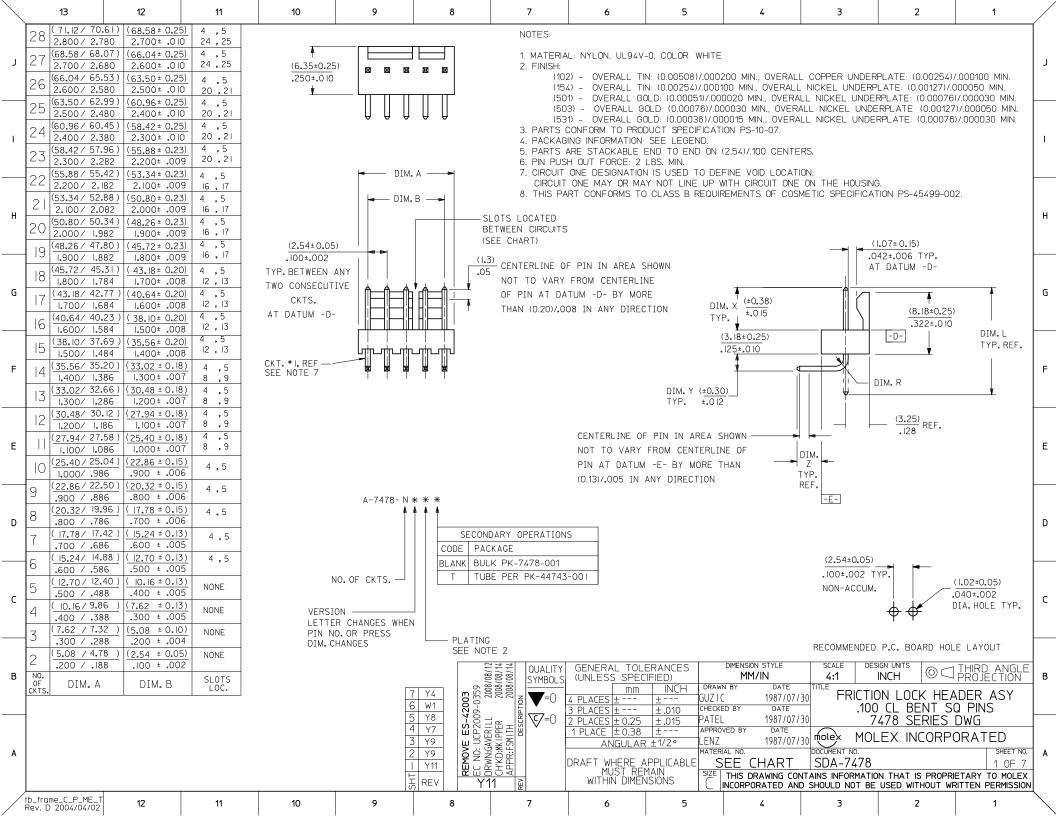
Old Part Number A-7478-02A102

Reference - Drawing Numbers

Product Specification PS-10-07 Sales Drawing SDA-7478

Feedback Privacy Legal Site Map Help

Copyright 2005-2008



13	12	11	10		9	8	7	6	5	4		3	2		1	_/
ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	Z DIM. Y	DIM. W	DIM. R	ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	Z DIM. Y	DIM. W	DIM. T	-
-7478-NA IO2	2766-41(102)	<u>(18.69)</u> .736	<u>(6.60)</u> .260	(3.58)	(3.05)	90°	.046									.
-7478-NA501	2766-41(501)	(18.69)	.260	(3.58)	(3.05)	90°	(1.17)						-			7
-7478-NA50IT	2766-41(501)	(18.69)	<u>(6.60)</u> .260	(3.58)	(3,05)	90°	.046									.]
-7478-NA IO2T	2766-41(102)	(18.69) .736	(6.60) .260	(3.58)	.120	90°	.046									_
																_
					-											
					-								-			_
																_
																-
																_
										-						-
																-
															-	_
															-	-
										-					-	-
																-
																-
																-
		<u> </u>														_
		 										-				-
											-					-
							H 9988 Q	JALITY GENERAL TO MBOLS (UNLESS SP	OLERANCES	DIMENSION STYL	SC SC		IN UNITS O		RD ANGLE	==
							5-1815 2006 2006 2006 2006 2006	7=0 4 PLACES ±	m	N BY DA (1981 ED BY DA	7/07/10 TE	FRICTION .100	N LOCK F CL BENT	HEADE SQ P	R ASY INS	_
							A-747 UCP20 DERR ELHAG SMITH DESG	7=0 2 PLACES ± 1 PLACE ±	- ± PATEL - ± APPRO AR ± LENZ	VED BY DA	1107110 MOLE	≥× MOLI	.78 SERIE EX INCOF		ATED	1
							ADD /	DRAFT WHERE	MATER APPLICABLE S REMAIN SIZET	al no. EE CHAF	RT SD	ENT NO. 4-7478			SHEET NO.	
						-	Y9 2	WITHIN DIM		THIS DRAWININCORPORATE						

A 7478 NAIOZ PART NO, PINC, NO, PINC, NO, PART		13	12	11	10	9	8	7		6	5	4		3	2	1	
20 50 10 10 10 10 10 10 1		A-7478	-NA 102	A-7478	8-NA501	A-747	'8-NA501	A-	-7478-	-NA IO	2T						
22:53:031	J	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO	. ENG. NO.	PAF	RT NO.	ENG. N	10.	PART NO.	ENG. N	o.	PART NO.	ENG. NO.	
		22-05-3021 *	A-7478-2A IO2	22-12-2024	* A-7478-2A501	50-29-17	IO A-7478-2A5	ЮIT 50-	34-8500	A-7478-2	2A 102T						
22-33-091 A-19-A-6407 32-2-22-4 (A-149-3-950) D0-29-10 A-19-A-9500 D0-29-10 A-19		22-05-3031 *	A-7478-3A IO2	22-12-2034	* A-7478-3A50I	50-29-17	II A-7478-3A5	0 IT 50-	34-8501	A-7478-3	3A 102T						
1	-	22-05-3041 *	A-7478-4A IO2	22-12-2044	* A-7478-4A50I	50-29-170	D5 A-7478-4A5	io iT 50-	34-8502	A-7478-4	4A 102T						
22 - 3 - 3 - 3 - 1		22-05-3051 *	A-7478-5A IO2	22-12-2054	A-7478-5A501	50-29-17	12 A-7478-5A5	OIT									
26-30-301 - A-FTR SAURY 27-0-204 - A-FTR SAU	1	22-05-3061 *	A-7478-6A IO2	22-12-2064	* A-7478-6A50I	50-29-17	I3 A-7478-6A5	50 IT									
22 - 25 - 25 27 - 27 - 27 - 27 - 25 27 - 27 - 27 - 25 27 - 27 - 27 - 25 27 - 27 - 27 - 27 27 - 27 - 27 - 27		22-05-3071 *	A-7478-7A IO2	22-12-2074	■ A-7478-7A501	50-29-17	I4 A-7478-7A5	OIT									
Part 2-0-5-1910 2-7-7-18-10-CARD 2-0-2-0-18 2-7-7-18 2-0-0-18 2-2-0-18				22-12-2084	* A-7478-8A50I	50-29-17	I5 A-7478-8A5	OIT									
H 22-09-310 - A-7479-1-M02		22-05-3091 *	A-7478-9A IO2	-				OIT									
Page		22-05-3101 *	A-7478-10A102	22-12-2104	* A-7478-10A501	50-29-17	I7 A-7478-IOA	50 IT									
22-05-326 A. APRI-2-BADD 22-02-24 A. APRI-2-BADD 50-29-1123 A. APRI-2-BADD 50-29-1	н			1													—∏ н
22-05-316	• • • • • • • • • • • • • • • • • • • •			1 -													''
22 ± 13 ± 13 A 1478 5 ± 100				1 ———													
6 22-53-31 A-7478-18402 22-0-264 A-7479-63501 52-29-1728 A-7478-18401 A-7478-1840												<u> </u>					_
G 22-05-311 A-7478-PAQ 2 22-02-24 A-7478-PASO A-				1 — — — — —				50 IT									
22 05 -3 81	_			22-12-2164	* A-7478-16A501			50 IT									
22-05-3281 • A-7478-284002 2-2-2-224 • A-7478-284501 50-29-1725 50-29-1725	G			1													G
22-05-3201 A-7478-224002 22-12-224 A-7478-224501 50-29-1728 A-7478-224501 50-29-1738 A-7478-224501 A-7478-224				1 ———													
E 22-05-3281 • A-7478-248/02 22-02-224 • A-7478-24501 50-29-1728 A-7478-24501 A-7478-																	
E 22-05-3221 • A-7478-23A02 22-22-224 • A-7478-23A501 50-29-173 A-7478-23A501				1 — — — — —													
22-05-325 A-7478-24A102 22-02-234 A-7478-24A501 50-29-1733 A-74																	_
22-05-3261 A-7478-24A02 22-02-2244 A-7478-24A501 50-29-1731 A-7478-24A501 22-05-3261 A-7478-26A502 22-02-2244 A-7478-26A501 50-29-1733 A-7478-26A501 22-05-3261 A-7478-26A502 22-02-2274 A-7478-26A501 50-29-1735 A-7478-26A501 22-05-3261 A-7478-26A501 22-05-3261 A-7478-26A501 22-05-3261 A-7478-26A501 22-05-3261 A-7478-26A501 22-02-2274 A-7478-26A501 50-29-1735 A-7478-26A501 D-29-1735 A-7	F			 													F
22-05-3261 A-7478-26A010 22-12-2264 A-7478-26A501 50-29-1732 A-7478-26A501 50-29-1733 A-7478-26A501 50-29-1735 A-7478-26A501 A-7478-26A501 50-29-1735 A-7478-26A501 50-29-1735 A-7478-26A501 50-29-1735 A-7478-26A501 50-29-1735 A-7478-26A501 50-29-1735 A-7478-26A501 50-29-1735 A-7478-26A501				1		\rightarrow \mapsto											_
E 22-05-326 • A-7478-26A102 22-12-2274 A-7478-26A50 22-12-2274 A-7478-26A50 50-29-1733 A-7478-26A50 50-29-1735				+								<u> </u>					
E 22-05-3271 • A-7478-27A012 22-12-2274 • A-7478-28A501 50-29-1735 A-7478-28A501T 50-29-				1													
E				1 1 1													
D C B S S S S S S S S S S S S	Е			1													— E
B C C C C C C C C C		22-05-3281 *	A-7478-28A IO2	22-12-2284	* A-7478-28A50	50-29-17	35 A-7478-28 <i>i</i>	.50 IT [-
B C C C C C C C C C																	-
B C C C C C C C C C	_																
B Second Section 1 Symbols Sy	D																l p
B Second Section 1 Symbols Sy																	
B Second Section 1 Symbols Sy																	<u> </u>
B Second Section 1 Symbols Sy																	
B Second Seco	_																
A PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 1 PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 2 PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 1 PLACE ± ± APPROVED BY DATE 1987/07/10 FOLEX INCORPORATED ANGULAR ± ENZ 1987/07/10 FOLEX INCORPORATE	C																C
A PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 1 PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 2 PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 1 PLACE ± ± APPROVED BY DATE 1987/07/10 FOLEX INCORPORATED ANGULAR ± ENZ 1987/07/10 FOLEX INCORPORATE																	
A PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 1 PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 2 PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 1 PLACE ± ± APPROVED BY DATE 1987/07/10 FOLEX INCORPORATED ANGULAR ± ENZ 1987/07/10 FOLEX INCORPORATE																	
A PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 1 PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 2 PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 1 PLACE ± ± APPROVED BY DATE 1987/07/10 FOLEX INCORPORATED ANGULAR ± ENZ 1987/07/10 FOLEX INCORPORATE																	
A PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 1 PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 2 PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 1 PLACE ± ± APPROVED BY DATE 1987/07/10 FOLEX INCORPORATED ANGULAR ± ENZ 1987/07/10 FOLEX INCORPORATE							96	88 1000	V GENER	ZVI TULE	PANCES	DIMENSION :	STYLE	SCALE	DESIGN UNITS	TUIDD AND	GI E
A PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 1 PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 2 PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 1 PLACE ± ± APPROVED BY DATE 1987/07/10 FOLEX INCORPORATED ANGULAR ± ENZ 1987/07/10 FOLEX INCORPORATE	В						/05/	SYMBO							INCH @) CJ PROJECTIO	ภู่ทั่
A PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 1 PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 2 PLACES ± ± PATEL 1987/07/10 7478 SERIES DWG. 1 PLACE ± ± APPROVED BY DATE 1987/07/10 FOLEX INCORPORATED ANGULAR ± ENZ 1987/07/10 FOLEX INCORPORATE							115	9 9 -						FRIC	TION LOCK I	HEADER ASY	$\overline{}$
A PLACES I I PATEL 1987/07/10 7478 SERIES DWG. 1 PLACE I I PATEL 1987/07/10 TOTAL INCORPORATED ANGULAR I PATEL 1987/07/10 TOTAL INCORPORA							1 2		11.07.00		_			TIME	100 CL BENT	SO PINS	
Y9 ₽ WITHIN DIFICAÇIONS C INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							2006	<u>\$</u> \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				PATEL	1987/07/10	•			
Y9 ₽ WITHIN DIFICAÇIONS C INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							\ 2 \00000000000000000000000000000000000	울릴삐 *						olex N			
Y9 ₽ WITHIN DIFICAÇIONS C INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	٨						P.	P.F.S.	<i>F</i>	<u>ANGULAR</u>	±0		170//0// 10	· /	TOLEX IIVEO		T NO. A
Y9 ₽ WITHIN DIFICAÇIONS C INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	^						B.X. &	<u> </u>	DRAFT !	WHERE A	PPLICABLE	SEE CH			78		
12 E							4 7 7		M TIW	MUSI KEM HIN DIMFN	IAIN SIONS	SIZE THIS DRA	WING CONTAIN	IS INFORM	ATION THAT IS PR	OPRIETARY TO MO	DLEX
	/	h framo C P MC	7	1				14-1									PIONI
		Rev. D 2004/04/02	2 12	11	10	9	8	7		6	5	4		3	2	1	