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Part Number:

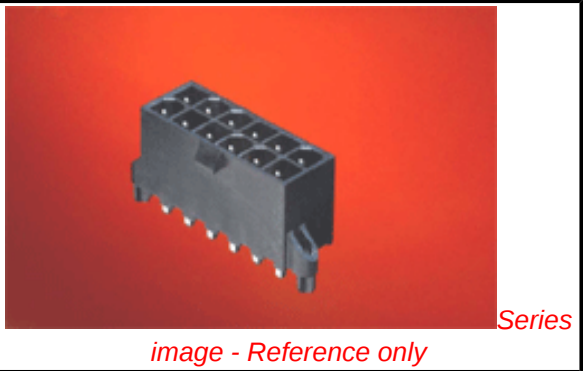
0462070004

Status:

Active

Description:

4.20mm (.165") Pitch Mini-Fit RTC™ Reflow High Temperature Compatible Header, Dual Row, Vertical, 4 Circuits, 1.57mm (.062") PCB Thickness, with PCB Pegs, LCP Housing, with Tin (Sn) Over Nickel (Ni) Plating



Documents:	
3D Model	Product Specification PS-46207-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	46207
Application	Board-to-Board, Wire-to-Board
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 Mini-Fit Plus HCS™ Crimp Terminal Crimped to to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current de-rating information.
MolexKits	Yes
Product Name	Mini-Fit RTC™
Physical	
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	75
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.144 In
PC Tail Length (mm)	3.66 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.57 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.165 In
Pitch - Mating Interface (mm)	4.20 mm
Pitch - Term. Interface (in)	0.165 In
Pitch - Term. Interface (mm)	4.20 mm
Polarized to Mating Part	Yes

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

China RoHS



Need more information on product environmental compliance?

Email 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

46207Series

Mates With

45750 , 5557 Mini Fit Jr.™ Receptacle

Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	13A
Voltage - Maximum	600V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	30
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-46207-001
Product Specification	PS-46207-001
Sales Drawing	SD-46207-001

This document was generated on 06/07/2010

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	13	12	11	10	9	8	7	6	5	4	3	2	1			
J	GOLD PLATING										TIN PLATING					J
	CIRCUIT SIZE	TAPE & REEL MATERIAL NUMBER	TRAY PACKED MATERIAL NUMBER	DIM. D	PCB THICKNESS						CIRCUIT SIZE	TAPE & REEL MATERIAL NUMBER	TRAY PACKED MATERIAL NUMBER	DIM. D	PCB THICKNESS	
I	02	462077002	*	462075002	*	0.144/3.66	0.062	02	462073002	*	462070002	*	0.144/3.66	0.062	I	
	04	462077004	*	462075004	*	0.144/3.66	0.062	04	462073004	*	462070004	*	0.144/3.66	0.062		
	06	462077006	*	462075006	*	0.144/3.66	0.062	06	462073006	*	462070006	*	0.144/3.66	0.062		
	08	462077008	*	462075008	*	0.144/3.66	0.062	08	462073008	*	462070008	*	0.144/3.66	0.062		
	10	462077010	*	462075010	*	0.144/3.66	0.062	10	462073010	*	462070010	*	0.144/3.66	0.062		
	12	462077012	*	462075012	*	0.144/3.66	0.062	12	462073012	*	462070012	*	0.144/3.66	0.062		
	14	462077014	*	462075014	*	0.144/3.66	0.062	14	462073014	*	462070014	*	0.144/3.66	0.062		
	16	462077016	*	462075016	*	0.144/3.66	0.062	16	462073016	*	462070016	*	0.144/3.66	0.062		
	18	462077018	*	462075018	*	0.144/3.66	0.062	18	462073018	*	462070018	*	0.144/3.66	0.062		
	20	462077020	*	462075020	*	0.144/3.66	0.062	20	462073020	*	462070020	*	0.144/3.66	0.062		
H	22	462077022	*	462075022	*	0.144/3.66	0.062	22	462073022	*	462070022	*	0.144/3.66	0.062	H	
	24	462077024	*	462075024	*	0.144/3.66	0.062	24	462073024	*	462070024	*	0.144/3.66	0.062		
G	02							02			462070102	*	0.176/4.46	0.093	G	
	04							04			462070104	*	0.176/4.46	0.093		
	06							06			462070106	*	0.176/4.46	0.093		
	08							08			462070108	*	0.176/4.46	0.093		
	10							10			462070110	*	0.176/4.46	0.093		
	12							12			462070112	*	0.176/4.46	0.093		
	14							14			462070114	*	0.176/4.46	0.093		
	16							16			462070116	*	0.176/4.46	0.093		
	18							18			462070118	*	0.176/4.46	0.093		
	20							20			462070120	*	0.176/4.46	0.093		
F	22							22			462070122	*	0.176/4.46	0.093	F	
	24							24			462070124	*	0.176/4.46	0.093		
E	02							02			462070202	*	0.207/5.26	0.125	E	
	04							04			462070204	*	0.207/5.26	0.125		
	06							06			462070206	*	0.207/5.26	0.125		
	08							08			462070208	*	0.207/5.26	0.125		
	10							10			462070210	*	0.207/5.26	0.125		
	12							12			462070212	*	0.207/5.26	0.125		
	14							14			462070214	*	0.207/5.26	0.125		
	16							16			462070216	*	0.207/5.26	0.125		
	18							18			462070218	*	0.207/5.26	0.125		
	20							20			462070220	*	0.207/5.26	0.125		
D	22							22			462070222	*	0.207/5.26	0.125	D	
	24							24			462070224	*	0.207/5.26	0.125		
* DESIGNATES PART NOT RELEASED CONTACT FACTORY FOR AVAILABILITY.																
* DESIGNATES PART NOT RELEASED CONTACT FACTORY FOR AVAILABILITY.																
C														C		
B														B		
A														A		
SEE SHEET 1 EC NO: UCP2010-1779 DRWN: JAGUILAR CHKD: JBELL APPR: FSMITH 2010/01/26 2010/02/22 2010/02/22 DESCRIPTION REV QUALITY SYMBOLS GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION STYLE SCALE DESIGN UNITS THIRD ANGLE PROJECTION DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS SEE CHART THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION MINI-FIT RTC HI-TEMP VERTICAL HEADER IN LCP, W/PCB PEGS MOLEX INCORPORATED SD-46207-001 2 OF 2																
1b_frame_C_P_AM_T Rev. F 2009/06/18	12	11	10	9	8	7	6	5	4	3	2	1				