



PCB Layout: Component side  
Recommended PCB thickness: .062" (1.57mm)

**SPECIFICATIONS**

Voltage rating: 250 volts  
 Current rating: See table  
 Contact pin material: Brass (0.64mm sq.)  
 Contact pin plating: Bright tin  
 Contact resistance: 10 milliohms max.  
 Housing material: Nylon 66, 30% glass fill, UL94V-0, black  
 Withstanding: 1,500VAC for 1 min.  
 Operating temperature: -25°C to +85°C  
 Processing temperature: 240°C/5 sec.  
 Circuits: 2 to 24

Current rating	
Wire size	Amps
AWG 20	5
AWG 22	5
AWG 24	4
AWG 26	3
AWG 28	2
AWG 30	1

Dimensions		
Pos.	A	B
2		6.7
4	3.0	9.65
6	6.0	12.65
8	9.0	15.65
10	12.0	18.65
12	15.0	21.65
14	18.0	24.65
15	21.0	27.65
18	24.0	30.65
20	27.0	33.65
22	30.0	36.65
24	33.0	39.65

Series	Type	Positions	Options	Plating
JS-A	3045	XX	XXX	XX
Pluggable Connector	Vertical Header 3045=Kinked Pins (std) 3045S=Straight Pins	02S-12S Single Row 02-24 Dual Row	Blank=Centering Peg (std) BL2=2mm Board Lock BL3=3.2mm Board Lock	Blank=Tin (std) GDXX=Gold XX: Flash if blank, 10, 15, 30μ"

RoHS compliant

Rev.	Description	Date	Approved	Drawing	Name	Date
A	RoHS, spec	09/20/05	Tom	Approved	Howard	08/10/99
B	Spec	10/04/05	Tom	Checked	Lizzy	08/10/99
C	P/N	10/30/07	Tom	Drawn	Tina	08/10/99
D	PNT	01/18/13	Greg	0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'
E	Dim	06/03/16	Greg	UNIT: mm		

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Part No.: **JS-A-3045-XX-XX**

Description: Header, 3mm pitch, dual row, vertical