

# MALE 2.00mm 5 ROW PRESSFIT FUTUREBUS

## SPECIFICATIONS

**INSULATOR MATERIAL**  
Liquid Crystal Polymer (LCP)  
UL94V-O

**CONTACT MATERIAL**  
Phosphor Bronze

**CURRENT RATING**  
1 amp

**DIELECTRIC WITHSTANDING VOLTAGE**  
AC 1000V for 1 minute

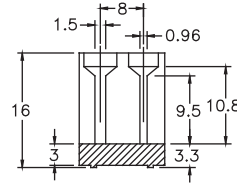
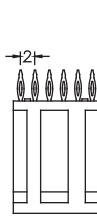
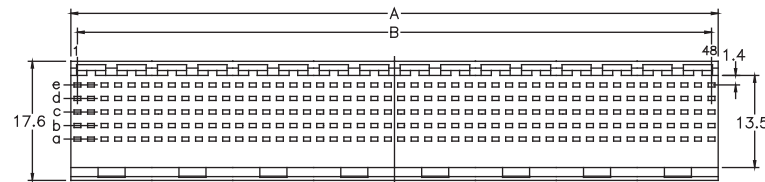
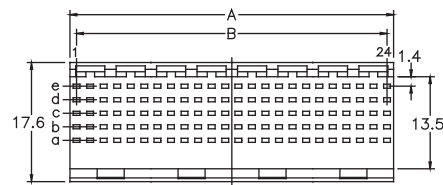
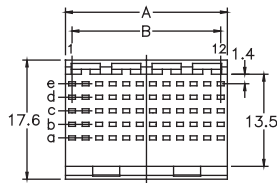
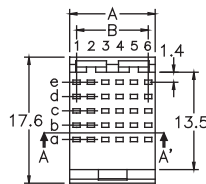
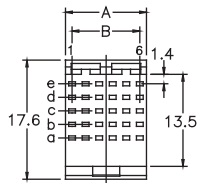
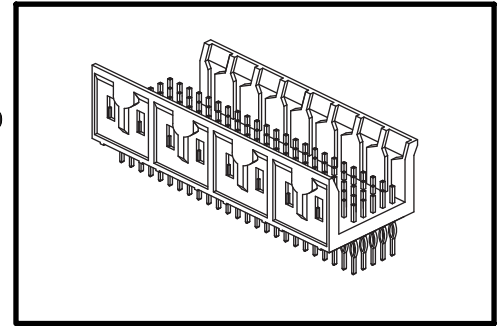
**INSULATOR RESISTANCE**  
1000 megohm Minimum at DC 500V

**CONTACT RESISTANCE**  
30 milliohm Maximum at DC 100mA

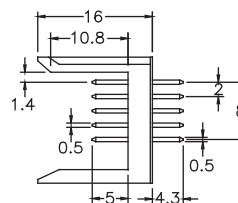
**OPERATING TEMPERATURE**  
-65° C to +125° C

### Features:

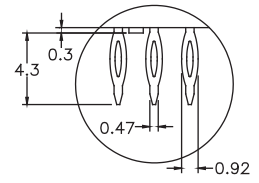
- \* 2mm high density futurebus+ male pressfit type
- \* Available pin count 30, 60, 120, 240
- \* Side by side stackable
- \* Various solder tail length
- \* Solderless pressfit
- \* See part number breakdown on page 92



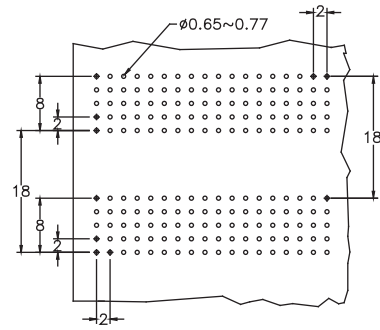
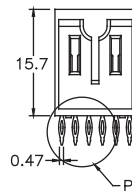
Section A-A'



Option A



Detail P



P.C. Board Layout

Pins	Dimension	
	A	B
30	11.95	10
60	23.95	22
120	47.95	46
240	95.95	94

## PART NUMBER CODING

<u>FB1-</u> Series	<u>5</u> 5: 5Rows	<u>1</u> 1: Male Signal	<u>30</u> Pins	<u>A</u> A: Loading	<u>C</u> C: Dip Tin Plated Contact Gold Plated G: Gold Plated	<u>P</u> P: Pressfit Type
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UL94V-0

**CONTACT MATERIAL**  
Phosphor Bronze

**CURRENT RATING**  
1 amp

**DIELECTRIC WITHSTANDING VOLTAGE**  
AC 1000V for 1 minute

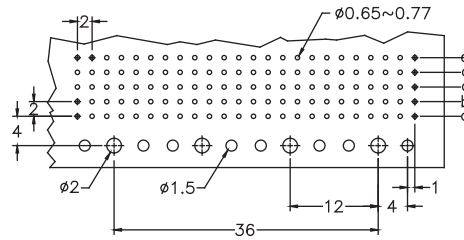
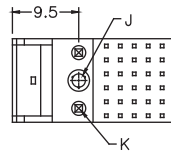
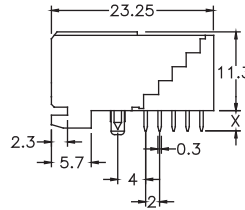
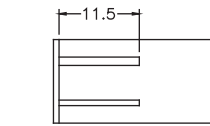
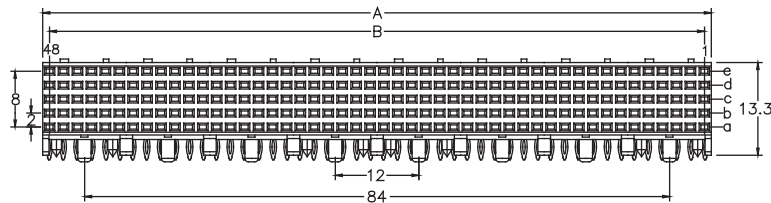
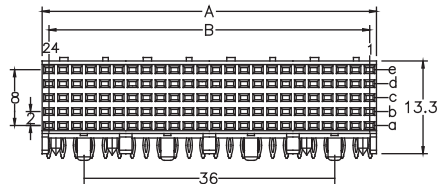
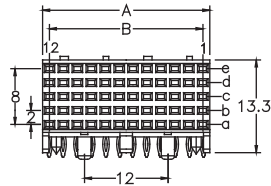
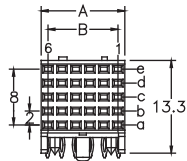
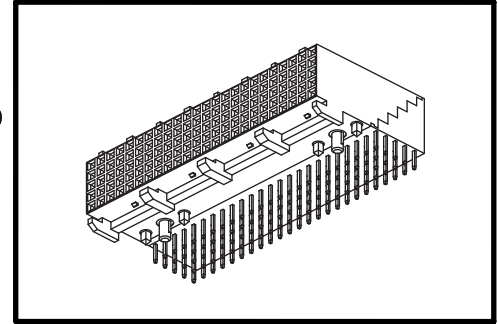
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30 milliohm Maximum at DC 100mA

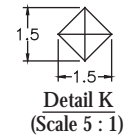
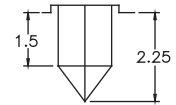
**OPERATING TEMPERATURE**  
-65° C to +125° C

### Features:

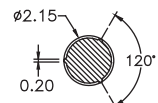
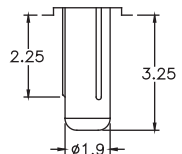
- \* 2mm high density futurebus+ female right angle solder type
- \* Available pin count 30, 60, 120, 240
- \* Side by side stackable
- \* Push-fit peg
- \* See part number breakdown on page 92



P.C. Board Layout



Detail K  
(Scale 5 : 1)



Detail J  
(Scale 5 : 1)

X Length	1	2
	2.90	3.53
Pins	Dimension	
	A	B
30	11.95	10
60	23.95	22
120	47.95	46
240	95.95	94

## PART NUMBER CODING

<u>FB1-</u> Series	<u>5</u> 5: 5Rows	<u>2</u> 2: Female Signal	<u>30</u> Pins	<u>A</u> A: Loading	<u>C</u> C: Dip Tin Plated Contact Gold Plated G: Gold Plated	<u>D</u> D: Dip Type
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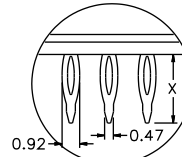
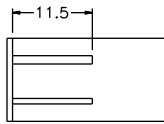
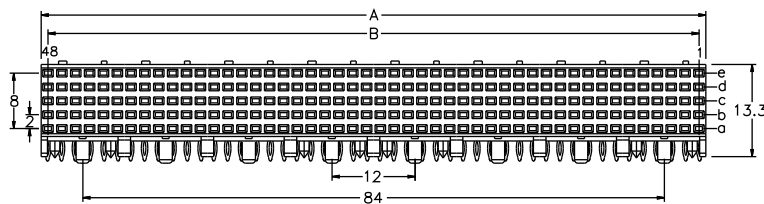
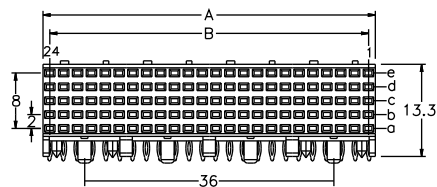
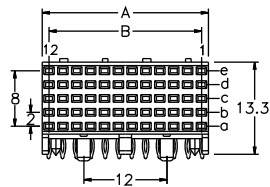
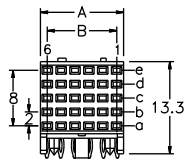
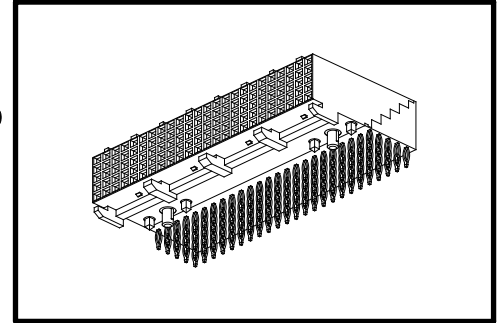
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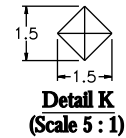
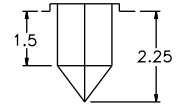
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### Features:

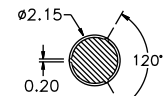
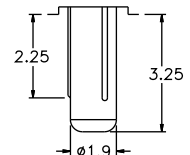
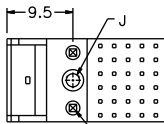
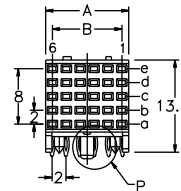
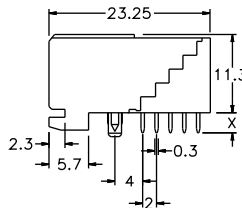
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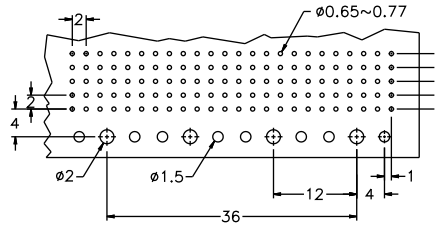
**Detail P**  
(Scale 3 : 1)



**Detail K**  
(Scale 5 : 1)



**Detail J**  
(Scale 5 : 1)



**P.C. Board Layout**

X Length	1	2
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