

# 4.20 mm. DUAL ROW SIDE ENTRY HEAD. BMI



## 6783 SERIES. 4.20 mm (0.165") pitch.

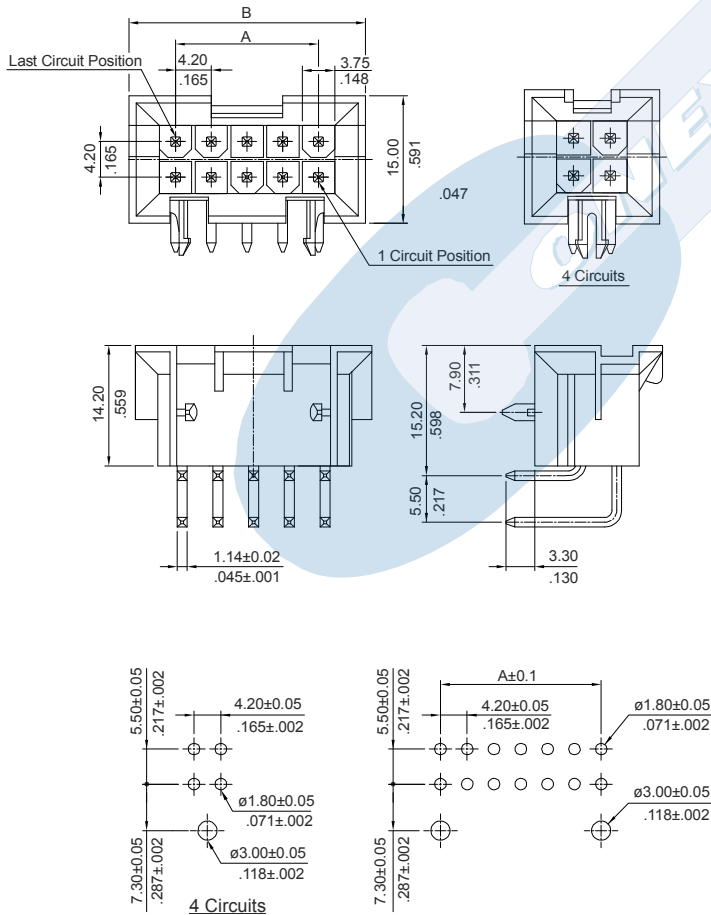
### General Features

- Available in 4, 6, 10, 14, 18 and 24 circuits
- Mates with 4.20 mm crimp housing 6740 series
- Square pin 1,14m tin plated
- Fully shrouded with polarized slot
- Positive lock

### Materials

- Insulator: Nylon UL 94 V-0 or Nylon 6/6 UL94V-2
- Contact: Tin plated brass
- Operating temperature: -25°C to +85°C
- RoHS compliant

### Dimensional Information



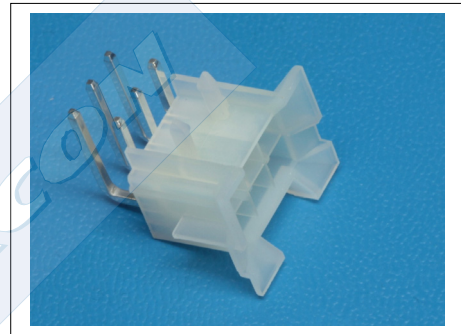
RECOMMENDED PCB LAYOUT

### Electrical Features

- Voltage rating: < 600V
- Current rating: < 9 A
- Contact resistance: < 10 mΩ
- Dielectric withstanding voltage: 1500 V AC/minute
- Insulation resistance: >1000 MΩ

### Mechanical Features

- Pin retention force to insulator: > 1.00 Kgf
- Durability: 25 cycles



### Ordering Information:

**6783 - T- XX- P**  
 1 2 3

#### 1. Connector Series

#### 2. (T) Contact Plating

- T = 2. Tin plated  
Recommended Finish

#### 3. (XX) Number of circuits

- Available in 4, 6, 10, 14, 18 and 24 circ.

#### 4. (P) Material Options

- P = 0. UL94V-0
- P = 1. UL94V-2

Circuits	Dimensions	
	A	B
04	4.20 (0.165)	15.10 (0.594)
06	8.40 (0.331)	19.30 (0.760)
10	16.80 (0.661)	27.70 (1.091)
14	25.20 (0.992)	36.10 (1.421)
18	33.60 (1.323)	44.50 (1.752)
24	46.20 (1.819)	57.10 (2.248)