

## 5MM FLUSH MOUNT PLUG-IN CONNECTORS WITH CAGE CLAMP SERIES B51C4

### PHYSICAL PROPERTIES:

#### Housing:

HOUSING MATERIAL: Polyamide, Type 6/6

FLAMMABILITY: UL94V-0

COLOR: Black

#### Terminal:

WIRE ENTRY CONTACT AND SPRING: Phosphor bronze, tin plated

WIRE CAGE: Hardened steel, zinc plated, yellow chromate treated

SCREW: M2,5 x 6,2mm, steel, zinc plated, clear chromate treated

#### Mechanical:

PITCH (TERMINAL SPACING): 5mm and 10mm

WIRE STRIP LENGTH: 6,4mm

RECOMMENDED TIGHTENING TORQUE: 0.5Nm (4.4 in-lbs)

### ELECTRICAL PROPERTIES:

MAXIMUM CURRENT: 15A

OPERATING VOLTAGE: 300V (5mm)

600V (10mm)

WIRE RANGE: 12-30 AWG

DIELECTRIC WITHSTAND: 2200V (5mm)

4000V (10mm)

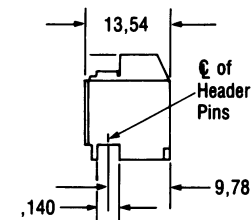
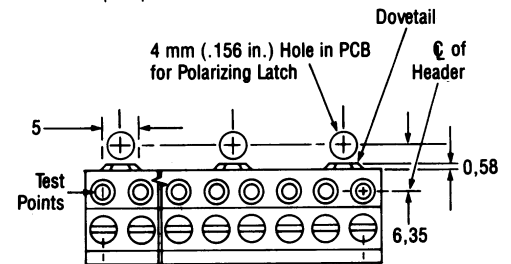
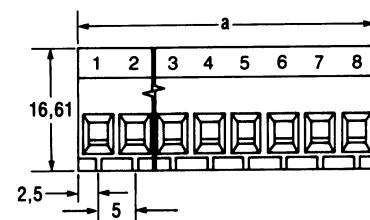
### ENVIRONMENTAL PROPERTIES:

OPERATING TEMPERATURE RANGE: -60°C to +105°C



5mm and 10mm Pitch

### B51C4U (universal mounting)



### Ordering Information

# OF TERMINALS	5MM UNIVERSAL	10MM UNIVERSAL	# OF TERMINALS	5MM UNIVERSAL
2	B51C4U02T	B51C5U02T	17	B51C4U17T
3	B51C4U03T	B51C5U03T	18	B51C4U18T
4	B51C4U04T	B51C5U04T	19	B51C4U19T
5	B51C4U05T	B51C5U05T	20	B51C4U20T
6	B51C4U06T	B51C5U06T	21	B51C4U21T
7	B51C4U07T	B51C5U07T	22	B51C4U22T
8	B51C4U08T	B51C5U08T	23	B51C4U23T
9	B51C4U09T	B51C5U09T	24	B51C4U24T
10	B51C4U10T	B51C5U10T		
11	B51C4U11T	B51C5U11T		
12	B51C4U12T	B51C5U12T		
13	B51C4U13T			
14	B51C4U14T			
15	B51C4U15T			
16	B51C4U16T			

## 5MM FLUSH-MOUNT HEADERS (FOR SERIES B51C4 CONNECTORS) SERIES B71N4

### PHYSICAL PROPERTIES:

#### Housing:

HOUSING MATERIAL: Liquid crystal polymer

FLAMMABILITY: UL94V-0

COLOR: Black

#### Terminal:

SOLDER PIN: Phosphor bronze, tin plated

#### Mechanical:

PITCH (PIN SPACING): 5mm and 10mm

RECOMMENDED PCB HOLE DIA.: 1,7mm

### ELECTRICAL PROPERTIES:

MAXIMUM CURRENT: 15A

OPERATING VOLTAGE: 300V (5mm)

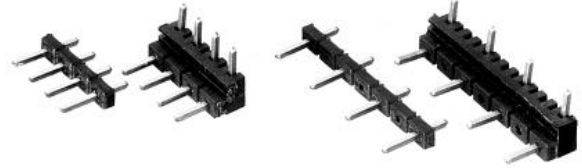
600V (10mm)

### ENVIRONMENTAL PROPERTIES:

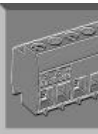
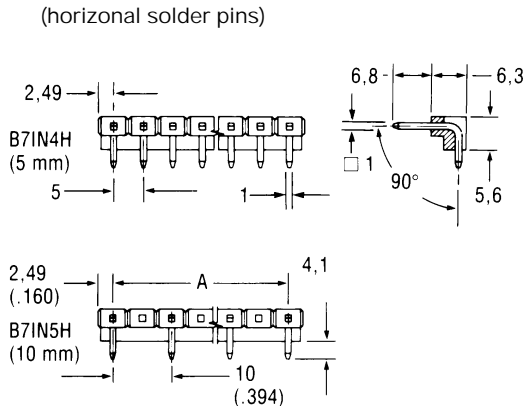
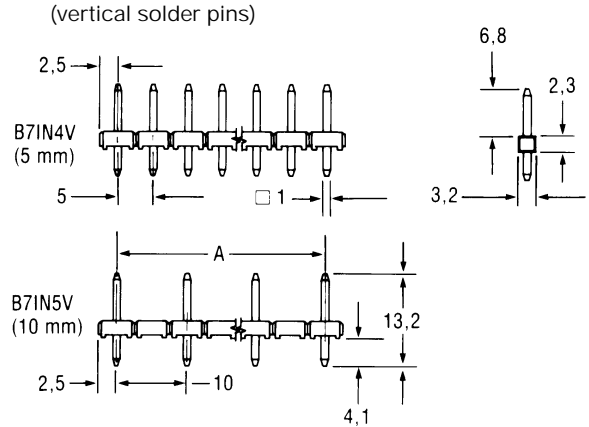
OPERATING TEMPERATURE RANGE:

-30°C to +120°C Gold and Silver contact system

-30°C to +105°C Tin contact system



5mm and 10mm Pitch



### Ordering Information

# OF TERMINALS	5MM VERTICAL	5MM HORIZONTAL	10MM VERTICAL	10MM HORIZONTAL
2	B71N4V02T	B71N4H02T	B71N5V02T	B71N5H02T
3	B71N4V03T	B71N4H03T	B71N5V03T	B71N5H03T
4	B71N4V04T	B71N4H04T	B71N5V04T	B71N5H04T
5	B71N4V05T	B71N4H05T	B71N5V05T	B71N5H05T
6	B71N4V06T	B71N4H06T	B71N5V06T	B71N5H06T
7	B71N4V07T	B71N4H07T	B71N5V07T	B71N5H07T
8	B71N4V08T	B71N4H08T	B71N5V08T	B71N5H08T
9	B71N4V09T	B71N4H09T	B71N5V09T	B71N5H09T
10	B71N4V10T	B71N4H10T	B71N5V10T	B71N5H10T
11	B71N4V11T	B71N4H11T	B71N5V11T	B71N5H11T
12	B71N4V12T	B71N4H12T	B71N5V12T	B71N5H12T
13	B71N4V13T	B71N4H13T	—	—
14	B71N4V14T	B71N4H14T	—	—
15	B71N4V15T	B71N4H15T	—	—
16	B71N4V16T	B71N4H16T	—	—
17	B71N4V17T	B71N4H17T	—	—
18	B71N4V18T	B71N4H18T	—	—
19	B71N4V19T	B71N4H19T	—	—
20	B71N4V20T	B71N4H20T	—	—
21	B71N4V21T	B71N4H21T	—	—
22	B71N4V22T	B71N4H22T	—	—
23	B71N4V23T	B71N4H23T	—	—
24	B71N4V24T	B71N4H24T	—	—

SERIES B51 OPTIONAL POLARIZING LATCH CATALOG NUMBER: B51LP1

