

NOTES:
 Current Rating: 0.44AMP(AC/DC)
 Contact Resistance: 20mΩ max
 Voltage Rating: 50V AC/DC
 Withstand Voltage: 500V AC/DC
 Insulation Resistance: 500MΩ min
 Operation Temperature: -25°C to +85°C

Contact Material: Phosphor Bronze.
 Latch Material: Phosphor Bronze.
 Contact plating: Sn or Au Over Ni
 Insulator Material:
 Plastic parts: LCP (UL94V-0)
 Padlock: Below 30Pin: PPS (UL94V-0)
 Above 30Pin: LCP (UL94V-0)
 Color: White+Black.

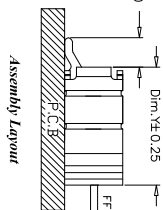
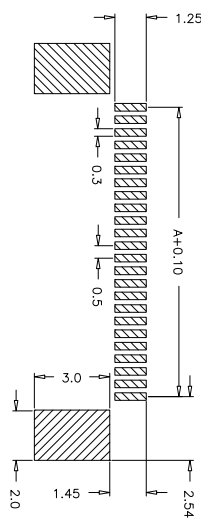
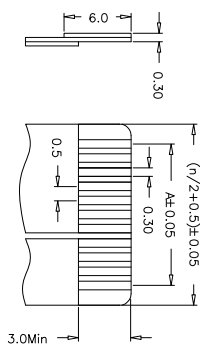
Mechanical Specifications:
 Soldering: Temperature: 235°C(+5/-C-0.5) S
 Times: 2(0.5/-0.5)S
 Solder Resistance: Temperature: 250°C(+5/-C-0.5) S
 Times: 10(0.5/-0.5)S

Remark 1:

Dim.X:
4Pin~29Pin: 1.50mm;
30Pin~39Pin: 1.60mm;
40Pin~60Pin: 1.70mm.

Remark 2:

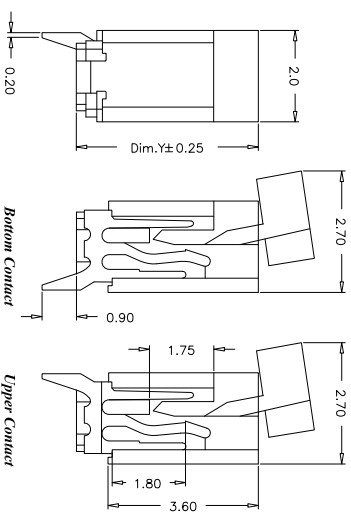
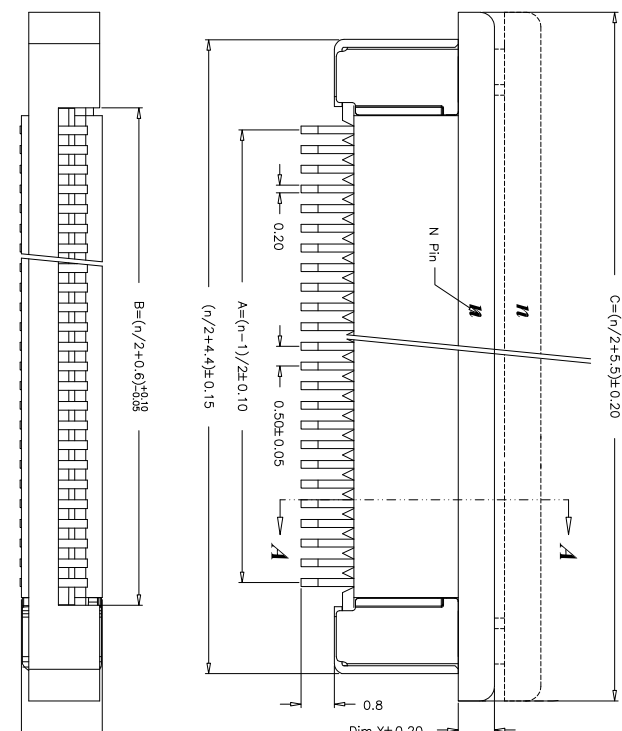
Dim.Y:
4Pin~29Pin: 4.70mm;
30Pin~39Pin: 4.80mm;
40Pin~60Pin: 4.90mm.



Ordering Information

BT5140 XX X U N 2 B16

No.of Pins Contact Plating Contact Type Insulation & Packing Contact Shape
 04~60P F=Gold Flash/Tin U=Upper Contact N1LCP+TInube 2=Right Angle
 A=10u"Gold/TIn O1LCP+TInep&KReel SMT Type
 B=Bottom Contact P1LCP+PE Bag
 K=Sn/Gold/TIn
 S=Sn/Pd
 N=Nickel Plated



No.Pin	A	B	C
04P	1.50	2.6	7.65
05P	2.00	3.1	8.15
06P	2.50	3.6	8.65
07P	3.00	4.1	9.15
08P	3.50	4.6	9.65
09P	4.00	5.1	10.15
10P	4.50	5.6	10.65
11P	5.00	6.1	11.15
12P	5.50	6.6	11.65
13P	6.00	7.1	12.15
14P	6.50	7.6	12.65
15P	7.00	8.1	13.15
16P	7.50	8.6	13.65
17P	8.00	9.1	14.15
18P	8.50	9.6	14.65
19P	9.00	10.1	15.15
20P	9.50	10.6	15.65
22P	10.50	11.6	16.65
23P	11.00	12.1	17.15
24P	11.50	12.6	17.65
25P	12.00	13.1	18.15
26P	12.50	13.6	18.65
27P	13.00	14.1	19.15
28P	13.50	14.6	19.65
29P	14.00	15.1	20.15
30P	14.50	15.6	20.65
31P	15.00	16.1	21.15
32P	15.50	16.6	21.65
33P	16.00	17.1	22.15
34P	16.50	17.6	22.65
35P	17.00	18.1	23.15
36P	17.50	18.6	23.65
37P	18.00	19.1	24.15
38P	18.50	19.6	24.65
39P	19.00	20.1	25.15
40P	19.50	20.6	25.65
41P	20.00	21.1	26.15
42P	20.50	21.6	26.65
44P	21.50	22.6	27.65
45P	22.00	23.1	28.15
46P	22.50	23.6	28.65
47P	23.00	24.1	29.15
48P	23.50	24.6	29.65
49P	24.00	25.1	30.15
50P	24.50	25.6	30.65
51P	25.00	26.1	31.15
52P	25.50	26.6	31.65
53P	26.00	27.1	32.15
54P	26.50	27.6	32.65
55P	27.00	28.1	33.15
56P	27.50	28.6	33.65
57P	28.00	29.1	34.15
58P	28.50	29.6	34.65
59P	29.00	30.1	35.15
60P	29.50	30.6	35.65

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	DWG	TOL	APPROVE	PROJ.	TITLE:
A0	09/01/18	NEW							BT5140XXXUN2B16



BMA TECHNOLOGIES LTD

0.5 PITCH FPC 2.0H DRAWER TYPE SMT CONNECT

SCALE: -
 UNIT: mm
 SIZE: A4
 SHEET: 1/1
 PART NO.: BT5140XXXUN2B16

OPERATION: XX ±0.40
 DESIGN: XXX ±0.25
 CHECK: XXX ±0.15
 DRAW: Fanyijun
 CHECK: APPROVE

OPERATION: XX ±0.40
 DESIGN: XXX ±0.25
 CHECK: XXX ±0.15
 DRAW: Fanyijun
 CHECK: APPROVE

OPERATION: XX ±0.40
 DESIGN: XXX ±0.25
 CHECK: XXX ±0.15
 DRAW: Fanyijun
 CHECK: APPROVE