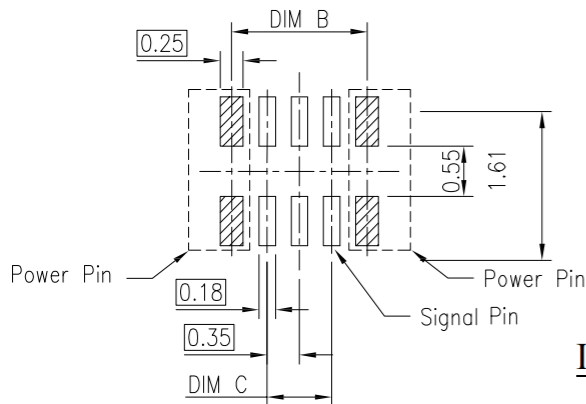
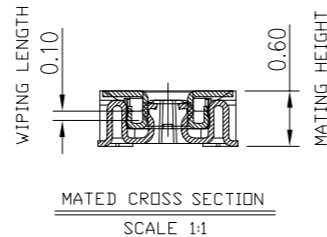
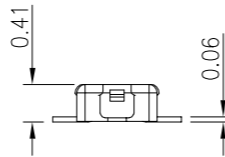
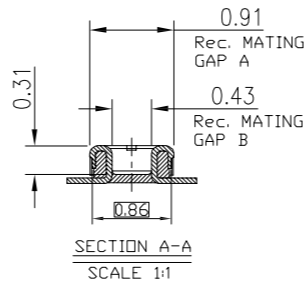
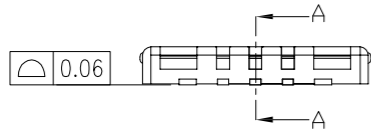
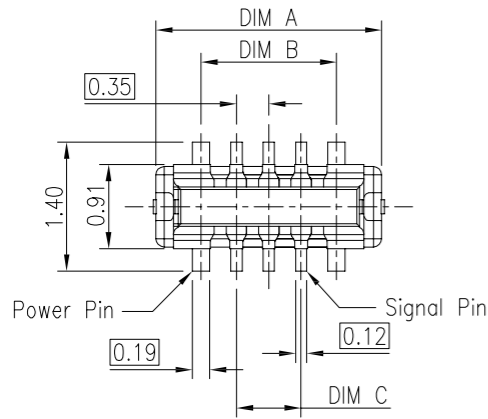


Engineer Drawing



RECOMMENDED P.W.BOARD
TOLERANCE : ± 0.03

SPECIFICATIONS:

1) MATERIAL:

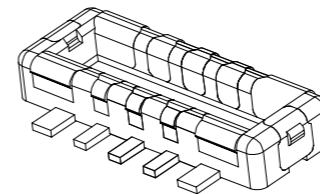
- 1-1. HOUSING: LCP, BLACK (UL94 V-0)
- 1-2. CONTACT: COPPER ALLOY
- 1-3. CLIPS(POWER PIN): COPPER ALLOY

2) SURFACE TREATMENT:

- 2-1. CONTACT: G/F PLATING ON CONTACT AREA
G/F PLATING ON SOLDER AREA
NI PLATING ALL OVER
- 2-2. CLIPS: G/F PLATING ALL OVER
NI PLATING ALL OVER

3) CHARACTERISTICS:

- 3-1. RATED VOLTAGE: 30V AC/DC
- 3-2. RATED CURRENT: SIGNAL PIN 0.3A/PIN; POWER PIN: 3A Max.
- 3-3. INSULATION RESISTANCE: 100M Ω Min.(INITIAL)
- 3-4. BREAKDOWN VOLTAGE: 150V AC FOR 1 MIN, ELECTRICAL LEAKAGE ≤ 1 mA
- 3-5. CONTACT RESISTANCE: 70m Ω Max./SIGNAL PIN ; 20m Ω Max./POWER PIN
- 3-6. AMBIENT TEMPERATURE: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 3-7. STORAGE TEMPERATURE: $-40^{\circ}\text{C} \sim +50^{\circ}\text{C}$ (PRODUCT ONLY)
- 3-8. COMPOSITE INSERTION FORCE: $1.5*(M+4)$ N Max.(M=PIN NO.)
- 3-9. COMPOSITE INSERTION FORCE: 0.15*M N Min. (M=PIN NO.)
- 3-10. DURABILITY: 10 TIMES



NO.OF Contacte	Dimensions		
	A	B	C
2	1.80	0.77	/
4	2.15	1.12	0.35
6	2.45	1.47	0.70
10	3.15	2.17	1.40
14	3.85	2.87	2.10
24	5.60	4.62	3.85

IPCB 03 06 X M XX XX X

- ① Series Type
- ② Pitch:0.35mm
- ③ Height
- ④ Serial Code
- ⑤ Connector Type
- ⑥ Pin Code
- ⑦ Internal Code
- ⑧ Other Code

TOLERANCES:

- X. ± 0.10
- X.X ± 0.05
- X.XX ± 0.02

NCP

www.i-ncp.com

PART NO:
IPCB03061Mxx SDV

NAME:
0.35mmPH Double Row BTB
Plug Male

DRAWING NO
IPCB03061MSDV

SHEET 1 OF 1

UNITS:mm SCALE:1:1 REV.01

Engineer Drawing

SPECIFICATIONS:

1) MATERIAL:

- 1-1. HOUSING: LCP, BLACK (UL94 V-0)
- 1-2. CONTACT: COPPER ALLOY
- 1-3. CLIPS(POWER PIN): COPPER ALLOY

2) SURFACE TREATMENT:

- 2-1. CONTACT: G/F PLATING ON CONTACT AREA
G/F PLATING ON SOLDER AREA
NI PLATING ALL OVER
- 2-2. CLIPS: G/F PLATING ALL OVER
NI PLATING ALL OVER

3) CHARACTERISTICS:

- 3-1. RATED VOLTAGE: 30V AC/DC
- 3-2. RATED CURRENT: SIGNAL PIN 0.3A/PIN; POWER PIN: 3A Max.
- 3-3. INSULATION RESISTANCE: 100M Ω Min.(INITIAL)
- 3-4. BREAKDOWN VOLTAGE: 150V AC FOR 1 MIN, ELECTRICAL LEAKAGE $\leq$ 1mA
- 3-5. CONTACT RESISTANCE: 70m Ω Max./SIGNAL PIN ; 20m Ω Max./POWER PIN
- 3-6. AMBIENT TEMPERATURE: -40°C ~ +85°C
- 3-7. STORAGE TEMPERATURE: -40°C ~ +50°C (PRODUCT ONLY)
- 3-8. COMPOSITE INSERTION FORCE: 1.5*(M+4) N Max.(M=PIN NO.)
- 3-9. COMPOSITE INSERTION FORCE: 0.15*M N Min. (M=PIN NO.)
- 3-10. DURABILITY: 10 TIMES

IPCB 03 06 X F XX XX X

- ① Series Type
- ② Pitch:0.35mm
- ③ Height
- ④ Serial Code
- ⑤ Connector Type
- ⑥ Pin Code
- ⑦ Internal Code
- ⑧ Other Code

NO.OF Contacte	Dimensions		
	A	B	C
2	2.46	0.98	/
4	2.81	1.33	0.35
6	3.16	1.47	0.70
10	3.86	2.38	1.40
14	4.56	3.08	2.10
24	6.31	4.83	3.85

TOLERANCES:

X $\pm$ 0.10
XX $\pm$ 0.05
XXX $\pm$ 0.02

NCP

www.i-ncp.com

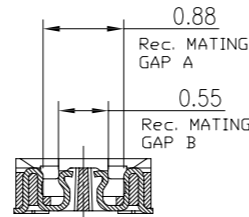
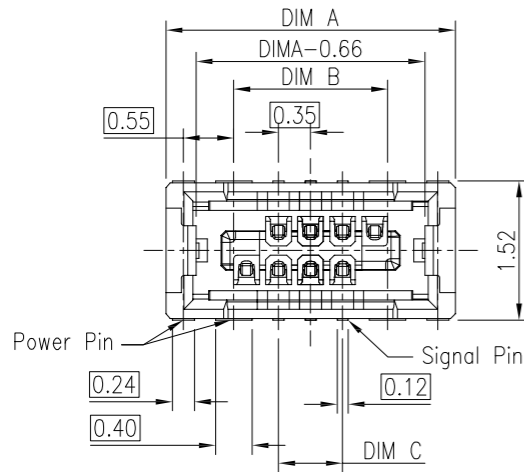
PART NO:
IPCB03061F xx SDV

NAME:
0.35mmPH Double Row BTB
Socket Female

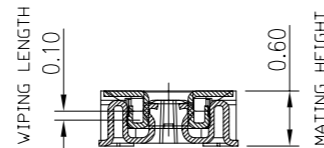
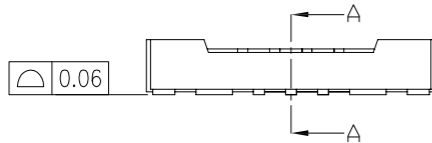
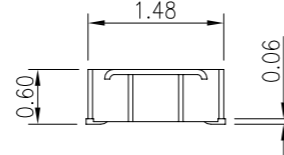
DRAWING NO
IPCB03061FSDV

 SHEET 1 OF 1

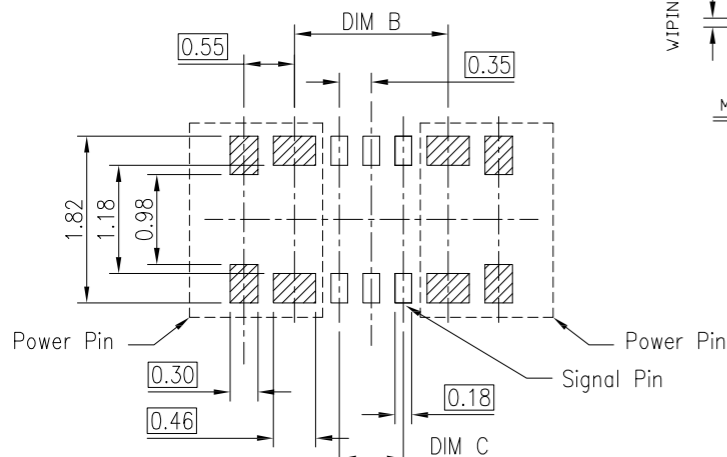
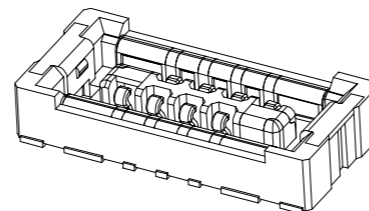
UNITS:mm SCALE:1:1 REV.01



SECTION A-A
SCALE 1:1



MATED CROSS SECTION
SCALE 1:1



RECOMMENDED P.W.BOARD
TOLERANCE : $\pm$ 0.03