

REV	Description	ECN NO	DATE
T0		—	2020/04/28

P/N:LBC1053D (2Pin Connector)

Note:

...Materials:

Plunger:Brass C3604 ,plating 5U" Min Au over 60~100U" Ni ;

Barrel: Brass C3604 ,plating 5U" Min Au over 60~100U" Ni ;

Spring: SUS304;

Housing:Black HTN+30%GF UL94 V-0;

...Mechanical:

Spring force:50g±20g, at 0.7mm working height.

Full storke:1.2mm.

Mechanical life:10000 cycle Min.

...Electrical:

Voltage:12.0 V.

Current:1.0A Max.

Contact resistance:50mΩ Max at working height.

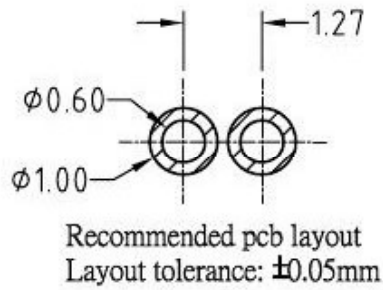
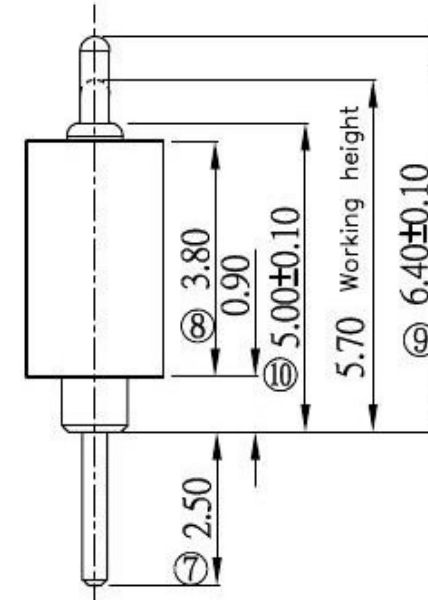
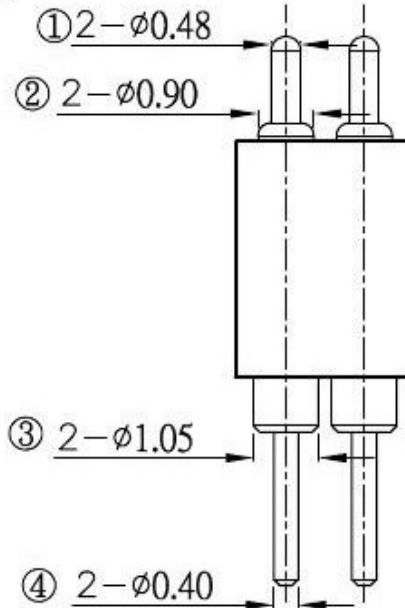
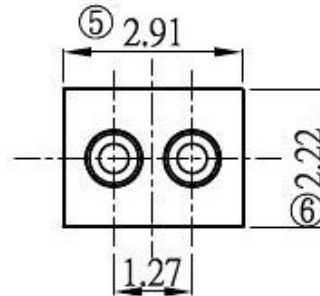
...ROHS or REACH compliant product.

...Salt spray test:48 H.

...& Key inspection dimension .

To ensure the best usage, please operate it based on the working height.

Based on the engineering drawings, shall not exceed the maximum allowed compression.



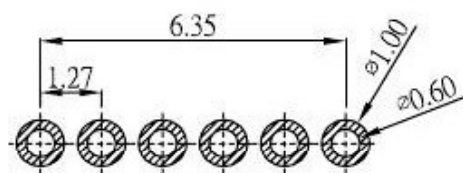
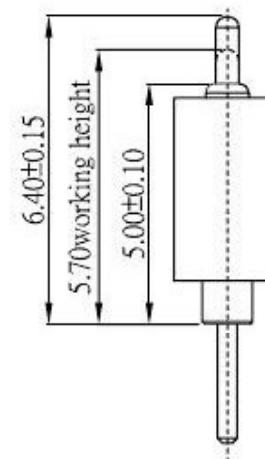
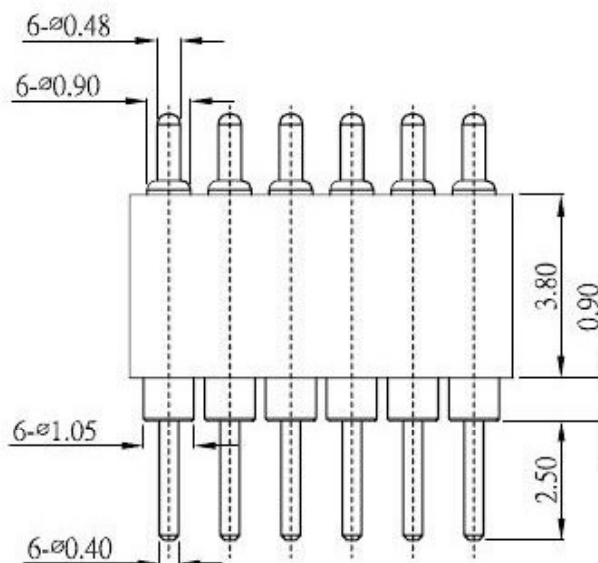
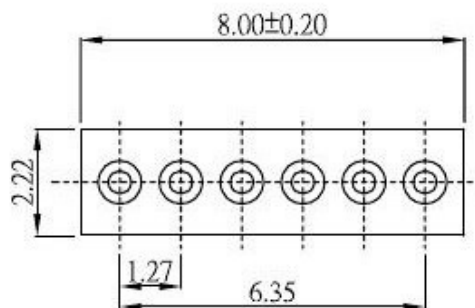
4	A0	X0561A-00	Housing	—	1
3	T0	G1053A-05	Barrel	—	2
2	T0	T1053A-05	Housing	—	2
1	T0	H1053A-00	Spring	—	2
NO.	REV.	P/N	Name	Specification	Qty

Cnomax Technology Co., Limited	Nuits:	mm	Tolerance	Drawn:	
	Scale:	1:1	0-6 ±0.05	Checked:	
	Size:	A4	7-50 ±0.10	Approved:	
Title:	2pin connector	Sheet:	1/1	>50 ±0.20	Other tolerance unless otherwise noted (其他公差除非另有说明)
Part NO:	LBC1053D	Porj:	⊕ ⊖	Angle:	±2°

Note:
 ...Materials:
 Plunger: Brass C3604 ,plating 5U" Min Au over 60~100U" Ni .
 Barrel: Brass C3604 ,plating 5U" Min Au over 60~100Ni" .
 Spring: sus304 .
 ...Mechanical:
 Spring force:50g±20g, at 0.7mm working storke.
 Full storke:1.00mm.
 Mechanical life:50000 cycle Min.
 ...Electrical:
 Voltage:12.0 V.
 Current:1.0A .
 Contact resistance:50mΩ Max at working height.
 ...ROHS or REACH compliant product.
 ...Salt spray test:48 H.
 ...& Key inspection dimension .
 To ensure the best usage
 please operate it based on the working height.
 Based on the engineering drawings,
 shall not exceed the maximum allowed compression.

REV	Description	ECN NO	DATE
T0		—	2021/10/22

P/N:LBC1053B (6Pin Connector)



Recommended pcb layout
 Layout tolerance: ±0.05mm

Cnomax Technology Co., Limited	NuIts:	mm	Tolerance	Drawn:	
	Scale:	1:1	0~6 ±0.05	Checked:	
	Size:	A4	7~50 ±0.10	Approved:	
Title:	6pin connector	Sheet:	1/1	>50 ±0.20	Other tolerance unless otherwise noted (其他公差除非另有说明)
Part NO:	LBC1053B	Porj:		Angle:	±2°

4	A0	H127G1-06	Housing	—	1
3	T0	G1053A-05	Barrel	—	6
2	T0	T1053A-05	Housing	—	6
1	T0	H1053A-00	Spring	—	6
NO.	REV.	P/N	Name	Specification	Qty

REV	Description	ECN NO	DATE
T0		—	2021/10/14

Note:

... Materials:

Plunger: Brass C3604 ,plating 5U" Min Au over 60~100U" Ni .

Barrel: Brass C3604 ,plating 5U" Min Au over 60~100Ni" .

Spring: sus304 .

... Mechanical:

Spring force: 50g±20g, at 0.7mm working storke.

Full storke: 1.00mm.

Mechanical life: 50000 cycle Min.

... Electrical:

Voltage: 12.0 V.

Current: 1.0A .

Contact resistance: 50mΩ Max at working height.

... ROHS or REACH compliant product.

... Salt spray test: 48 H.

... & Key inspection dimension .

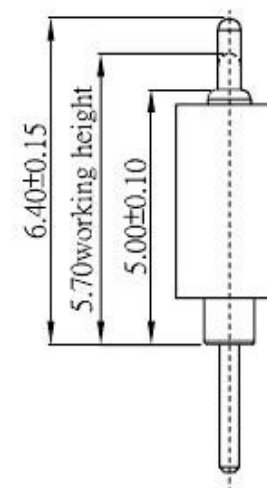
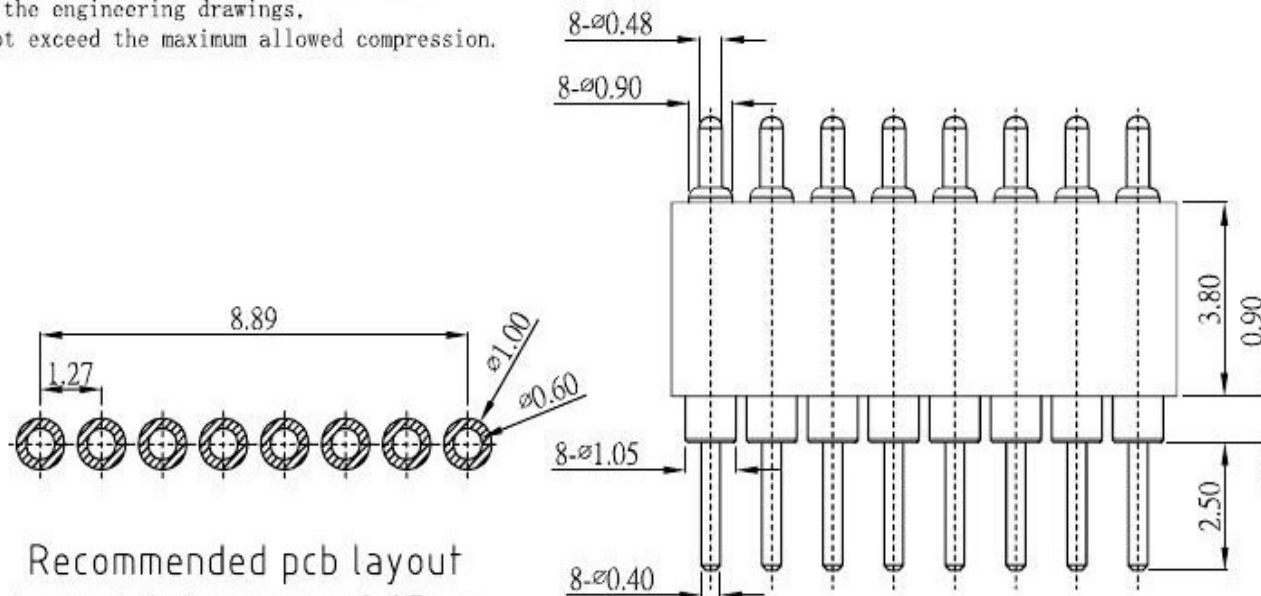
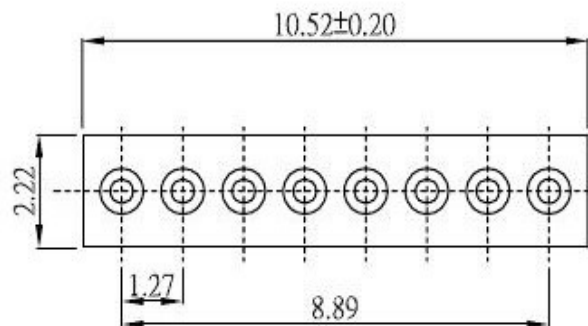
To ensure the best usage

please operate it based on the working height.

Based on the engineering drawings.

shall not exceed the maximum allowed compression.

P/N: LBC1053A (8Pin Connector)



Recommended pcb layout
Layout tolerance: ±0.05mm

Cnomax Technology Co., Limited	Nuts:	mm	Tolerance	Drawn:	
	Scale:	1:1	0-6 +0.05	Checked:	
	Size:	A4	7-50 +0.10	Approved:	
Title:	8pin connector	Sheet:	1/1	>50 ±0.20	Other tolerance unless otherwise noted (其他公差除非另有说明)
Part NO:	LBC1053A	Proj:	Angle:	±2°	

4	A0	H127G1-08	Housing	—	1
3	T0	G1053A-05	Barrel	—	8
2	T0	T1053A-05	Housing	—	8
1	T0	H1053A-00	Spring	—	8
NO.	REV.	P/N	Name	Specification	Qty

REV	Description	ECN NO	DATE
T0		—	2022/04/19

P/N: LBC1076C (20Pin Connector)

Note:

...Materials:

Plunger: Brass C3602 ,plating 20U" Min Au over 60~100u" Ni .
 Barrel: Brass C3602 ,plating 20U" Min Au over 60~100u" Ni .
 Spring: sus304 .
 Housing: Black HTN+30%GF UL94 V-0

...Mechanical:

Spring force: 50g±20g, at 0.7mm working storke.
 Full storke: 1.00mm.
 Mechanical life: 50000 cycle Min.

...Electrical:

Voltage: 12.0 V.
 Current: 1.0A .
 Contact resistance: 50mΩ Max at working height.

...ROHS or REACH compliant product.

...Salt spray test: 48 H.

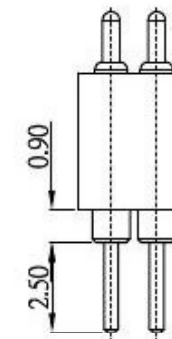
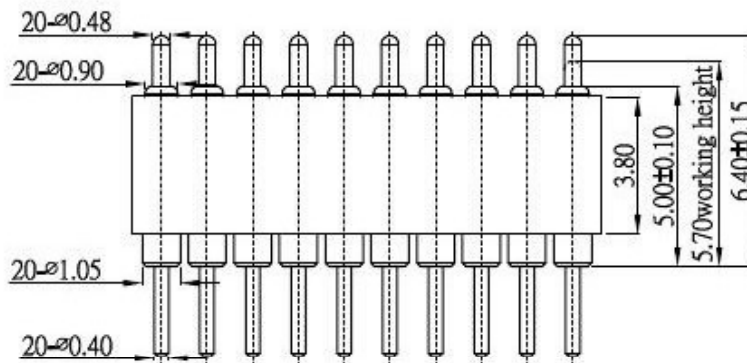
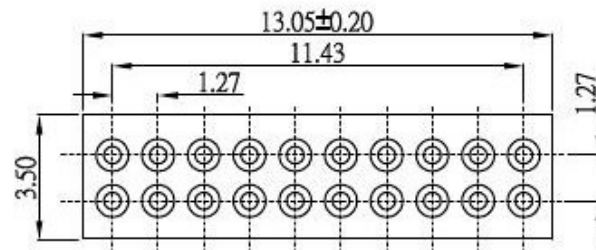
...& Key inspection dimension .

To ensure the best usage

please operate it based on the working height.

Based on the engineering drawings,

shall not exceed the maximum allowed compression.



Cnomax Technology Co., Limited

Nuts:	mm	Tolerance	Drawn:	
Scale:	1:1	0-6 ±0.05	Checked:	
Size:	A4	7-50 ±0.10	Approved:	
Title:	20pin connector	Sheet: 1/1	>50 ±0.20	Other tolerance unless otherwise noted (其他公差除非另有说明)
Part NO:	LBC1076C	Proj:	Angle: ±2°	

NO.	REV.	P/N	Name	Specification	Qty
4	A0	H127G1-05	Housing	—	1
3	T0	G1053A-05	Barrel	—	20
2	T0	T1053A-05	Housing	—	20
1	T0	H1053A-00	Spring	—	20

REV	Description	ECN NO	DATE
T0		—	2022/04/28

P/N:LBC1053E (Female connector)

Note:

...Materials:

PIN:Brass C3604 ,plating 5U" Min Au over 60~100U" Ni min;

Housing:Black HTN+30%GF UL94 V-0;

...Electrical:

Voltage:12.0 V.

Current:1.0A Max.

Contact resistance:50mΩ Max.

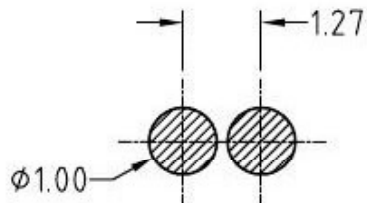
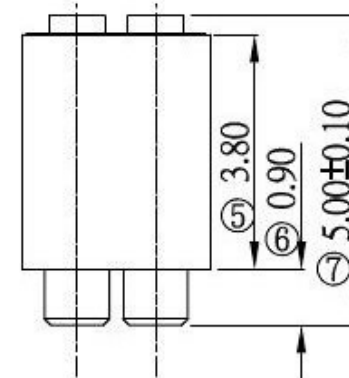
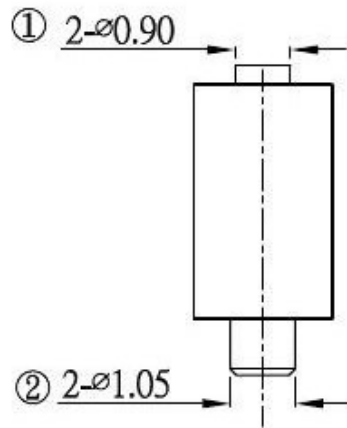
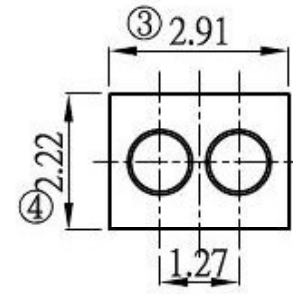
...ROHS or REACH compliant product.

...Salt spray test:48 H.

...& Key inspection dimension .

To ensure the best usage, please operate it based on the working height.

Based on the engineering drawings, shall not exceed the maximum allowed compression.



Recommended pcb layout
Layout tolerance: ±0.05mm

Cnomax Technology Co., Limited	Nuts:	mm	Tolerance	Drawn:	
	Scale:	1:1	0-6 ±0.05	Checked:	
	Size:	A4	7-50 ±0.10	Approved:	
	Title:	2pin connector	Sheet: 1/1	>50 ±0.20	Other tolerance unless otherwise noted (其他公差除非另有说明)
Part NO:	LBC1053E	Porj:	⊕	Angle:	±2°

NO.	REV.	P/N	Name	Specification	Qty
2	A0	J1053E-05	Pogo pin	—	2
1	A0	X0561A-00	Housing	—	1