

	A	B	C	D	E		
	REV.			DESCRIPTION	ECN NO.	NAME	DATE

General tolerances(mm)

0 ~ 3	>3 ~ 6	>6 ~ 10	>10 ~ 18	>18 ~ 30	>30 ~ 50	>50 ~ 80	>80 ~ 120	>120 ~ 180	>180 ~ 250	>250 ~ 315	>315 ~ 400	>400 ~ 500	>500
±0.12 ±0.18 ±0.22 ±0.26 ±0.31 ±0.37 ±0.57 ±0.80 ±0.93 ±1.05 ±1.15 ±1.60 ±2.20 ±2.50													

0.1/10

±2°

Top View

Dimensions:
21.80
3.50±0.30
12.70
7.85
22.70

Front View

Dimensions:
A(3.81×N/2+1.24)
B(3.81×(N/2-1))
3.81
0.80
C(3.81×N/2+0.84)

Side View

Dimension:
ø1.40

PCB LAYOUT

Dimensions:
D(3.81×(N/2-1))
3.81
7.85
12.70

UL Standard

Rated Voltage(V)/Current(A)	300/8	/	300/8
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IEC Standard

Overvoltage Category/Pollution Degree	III/3	III/2	II/2
Rated Voltage(V)/Current(A)	/	/	250/7
Rate Impulse Voltage(KV)	/	/	2.5
Pitch(mm)/Poles	3.81/N=04~48P		
Operating temperature(°C)	-40~-+105		
Conform to RoHS	Yes		

4	Cover	PA66	UL94V-0
3	Pin 2	Copper Alloy	Sn Plated
2	Pin 1	Copper Alloy	Sn Plated
1	Housing	PA66	UL94V-0
ITEM	NAME OF PART	MATERIAL	NOTES

GENERAL TOLERANCE

DIM. X X.X X.XX X.XXX GENERAL ANGLE:	TOL. ±0.30 ±0.25 ±0.15 ±3°
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DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD

TITLE: Socket-type terminal

DWG. NO.: JCB381-WDMCNP

PART NO.: JCB381-WDMCNP

UNIT: mm

SCALE: none

SHEET: 1 of 1

DWG. SIZE: A4

LAYER: bxconn

DRAWN: MAX

CHECKED: ELLA

APPROVED: WILL

BXCONN®

	A	B	C	D	E		
	REV.			DESCRIPTION	ECN NO.	NAME	DATE

General tolerances(mm)

0 ~ 3	>3 ~ 6	>6 ~ 10	>10 ~ 18	>18 ~ 30	>30 ~ 50	>50 ~ 80	>80 ~ 120	>120 ~ 180	>180 ~ 250	>250 ~ 315	>315 ~ 400	>400 ~ 500	>500
±0.12	±0.18	±0.22	±0.26	±0.31	±0.37	±0.57	±0.80	±0.93	±1.05	±1.15	±1.60	±2.20	±2.50

0.1/10

±2°

Product model	PIN	A	B	C	D
JCB381-WDMC2P	2X2	8.86	3.81	8.46	3.81
JCB381-WDMC3P	2X3	12.67	7.62	12.27	7.62
JCB381-WDMC4P	2X4	16.48	11.43	16.08	11.43
JCB381-WDMC5P	2X5	20.29	15.24	19.89	15.24
JCB381-WDMC6P	2X6	24.10	19.05	23.70	19.05
JCB381-WDMC7P	2X7	27.91	22.86	27.51	22.86
.....					
JCB381-WDMC24P	2X24	3.81xN/2+1.24	3.81x(N/2-1)	3.81xN/2+0.84	3.81x(N/2-1)

UL Standard	B	C	D
Rated Voltage(V)/Current(A)	300/8	/	300/8
IEC Standard			
Overvoltage Category/Pollution Degree	III/3	III/2	II/2
Rated Voltage(V)/Current(A)	/	/	250/7
Rate Impulse Voltage(KV)	/	/	2.5
Pitch(mm)/Poles	3.81/N=04~48P		
Operating temperature(°C)	-40~+105		
Conform to RoHS	Yes		

4	Cover	PA66	UL94V-0
3	Pin 2	Copper Alloy	Sn Plated
2	Pin 1	Copper Alloy	Sn Plated
1	Housing	PA66	UL94V-0
ITEM	NAME OF PART	MATERIAL	NOTES

GENERAL TOLERANCE

DIM.
X
X.X
X.XX
X.XXX
GENERAL ANGLE:
±3°

TOL.
±0.30
±0.25
±0.15
±0.10
±3°

0

1

2

3

4

5

DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD

TITLE: Socket-type terminal

DWG. NO.: JCB381-WDMCNP

PART NO.: JCB381-WDMCNP

UNIT: mm

SCALE: none

SHEET: 1 of 1

DWG. SIZE: A4

LAYER: bxconn

DRAWN: MAX

CHECKED: ELLA

APPROVED: WILL

BXCONN®

REV.		DESCRIPTION		ECN NO.		NAME		DATE	

General tolerances(mm)

0 ~ 3	>3 ~ 6	>6 ~ 10	>10 ~ 18	>18 ~ 30	>30 ~ 50	>50 ~ 80	>80 ~ 120	>120 ~ 180	>180 ~ 250	>250 ~ 315	>315 ~ 400	>400 ~ 500	>500
±0.12	±0.18	±0.22	±0.26	±0.31	±0.37	±0.57	±0.80	±0.93	±1.05	±1.15	±1.60	±2.20	±2.50

0.1/10

±2°

Product model	PIN	A	B	C	D
JCB381-WDMC2P	2X2	8.86	3.81	8.46	3.81
JCB381-WDMC3P	2X3	12.67	7.62	12.27	7.62
JCB381-WDMC4P	2X4	16.48	11.43	16.08	11.43
JCB381-WDMC5P	2X5	20.29	15.24	19.89	15.24
JCB381-WDMC6P	2X6	24.10	19.05	23.70	19.05
JCB381-WDMC7P	2X7	27.91	22.86	27.51	22.86
.....					
JCB381-WDMC24P	2X24	3.81xN/2+1.24	3.81x(N/2-1)	3.81xN/2+0.84	3.81x(N/2-1)

UL Standard	B	C	D
Rated Voltage(V)/Current(A)	300/8	/	300/8
IEC Standard			
Overvoltage Category/Pollution Degree	III/3	III/2	II/2
Rated Voltage(V)/Current(A)	/	/	250/7
Rate Impulse Voltage(KV)	/	/	2.5
Pitch(mm)/Poles	3.81/N=04~48P		
Operating temperature(°C)	-40~+105		
Conform to RoHS	Yes		

4	Cover	PA66	UL94V-0
3	Pin 2	Copper Alloy	Sn Plated
2	Pin 1	Copper Alloy	Sn Plated
1	Housing	PA66	UL94V-0
ITEM	NAME OF PART	MATERIAL	NOTES

21.80

3.50±0.30

12.70

7.85

22.70

12.70

7.85

A(3.81xN/2+1.24)

B(3.81x(N/2-1))

3.81

0.80

C(3.81xN/2+0.84)

0.80

D(3.81x(N/2-1))

3.81

7.85

12.70

Ø1.40

12.70

7.85

3

4

PCB LAYOUT

GENERAL TOLERANCE

DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD

TITLE: Socket-type terminal

DWG. NO.: JCB381-WDMCNP

PART NO.: JCB381-WDMCNP

UNIT: mm

SCALE: none

SHEET: 1 of 1

DWG. SIZE: A4

LAYER: bxconn

APPROVED: WILL

GENERAL TOL.

DIM.

X

X.X

X.XX

X.XXX

GENERAL ANGLE: ±3°

±0.30

±0.25

±0.15

±3°

BXCONN®

REV.		DESCRIPTION		ECN NO.		NAME		DATE	

General tolerances(mm)

0	>3	>6	>10	>18	>30	>50	>80	>120	>180	>250	>315	>400	>500
~3	~6	~10	~18	~30	~50	~80	~120	~180	~250	~315	~400	~500	
±0.12	±0.18	±0.22	±0.26	±0.31	±0.37	±0.57	±0.80	±0.93	±1.05	±1.15	±1.60	±2.20	±2.50

0.1/10

±2°

Product model	PIN	A	B	C	D
JCB381-WDMC2P	2X2	8.86	3.81	8.46	3.81
JCB381-WDMC3P	2X3	12.67	7.62	12.27	7.62
JCB381-WDMC4P	2X4	16.48	11.43	16.08	11.43
JCB381-WDMC5P	2X5	20.29	15.24	19.89	15.24
JCB381-WDMC6P	2X6	24.10	19.05	23.70	19.05
JCB381-WDMC7P	2X7	27.91	22.86	27.51	22.86
.....					
JCB381-WDMC24P	2X24	3.81xN/2+1.24	3.81x(N/2-1)	3.81xN/2+0.84	3.81x(N/2-1)

UL Standard	B	C	D
Rated Voltage(V)/Current(A)	300/8	/	300/8
IEC Standard			
Overvoltage Category/Pollution Degree	III/3	III/2	II/2
Rated Voltage(V)/Current(A)	/	/	250/7
Rate Impulse Voltage(KV)	/	/	2.5
Pitch(mm)/Poles	3.81/N=04~48P		
Operating temperature(°C)	-40~+105		
Conform to RoHS	Yes		

4	Cover	PA66	UL94V-0
3	Pin 2	Copper Alloy	Sn Plated
2	Pin 1	Copper Alloy	Sn Plated
1	Housing	PA66	UL94V-0
ITEM	NAME OF PART	MATERIAL	NOTES

21.80

3.50±0.30

12.70

7.85

22.70

A(3.81xN/2+1.24)

B(3.81x(N/2-1))

3.81

0.80

C(3.81xN/2+0.84)

D(3.81x(N/2-1))

3.81

7.85

12.70

Ø1.40

0.1/10

±2°

3

2

1

4

PCB LAYOUT

GENERAL TOLERANCE

DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD

DIM.

TOL.

X

±0.30

X.X

±0.25

X.XX

±0.15

X.XXX

±0.15

GENERAL

ANGLE:

±3°

UNIT:

mm

SCALE:

none

SHEET:

1 of 1

DWG. SIZE:

A4

LAYER:

bxconn

APPROVED:

WILL

TITLE: Socket-type terminal

DWG. NO.: JCB381-WDMCNP

PART NO.: JCB381-WDMCNP

DRAWN: MAX

CHECKED: ELLA

BXCONN®

	A	B	C	D	E		
	REV.			DESCRIPTION	ECN NO.	NAME	DATE

General tolerances(mm)

0 ~ 3	>3 ~ 6	>6 ~ 10	>10 ~ 18	>18 ~ 30	>30 ~ 50	>50 ~ 80	>80 ~ 120	>120 ~ 180	>180 ~ 250	>250 ~ 315	>315 ~ 400	>400 ~ 500	>500
±0.12 ±0.18 ±0.22 ±0.26 ±0.31 ±0.37 ±0.57 ±0.80 ±0.93 ±1.05 ±1.15 ±1.60 ±2.20 ±2.50													

0.1/10

±2°

Product model	PIN	A	B	C	D
JCB381-WDMC2P	2X2	8.86	3.81	8.46	3.81
JCB381-WDMC3P	2X3	12.67	7.62	12.27	7.62
JCB381-WDMC4P	2X4	16.48	11.43	16.08	11.43
JCB381-WDMC5P	2X5	20.29	15.24	19.89	15.24
JCB381-WDMC6P	2X6	24.10	19.05	23.70	19.05
JCB381-WDMC7P	2X7	27.91	22.86	27.51	22.86
.....					
JCB381-WDMC24P	2X24	3.81xN/2+1.24	3.81x(N/2-1)	3.81xN/2+0.84	3.81x(N/2-1)

UL Standard	B	C	D
Rated Voltage(V)/Current(A)	300/8	/	300/8
IEC Standard			
Overvoltage Category/Pollution Degree	III/3	III/2	II/2
Rated Voltage(V)/Current(A)	/	/	250/7
Rate Impulse Voltage(KV)	/	/	2.5
Pitch(mm)/Poles	3.81/N=04~48P		
Operating temperature(°C)	-40~-105		
Conform to RoHS	Yes		

4	Cover	PA66	UL94V-0
3	Pin 2	Copper Alloy	Sn Plated
2	Pin 1	Copper Alloy	Sn Plated
1	Housing	PA66	UL94V-0
ITEM	NAME OF PART	MATERIAL	NOTES

21.80

3.50±0.30

12.70

7.85

22.70

A(3.81xN/2+1.24)

B(3.81x(N/2-1))

3.81

0.80

C(3.81xN/2+0.84)

T1

3

4

5

PCB LAYOUT

12.70

7.85

3.81

D(3.81x(N/2-1))

Ø1.40

4

GENERAL TOLERANCE

DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD

DIM.
X
X.X
X.XX
X.XXX
GENERAL ANGLE:
±3°

TOL.
±0.30
±0.25
±0.15

TITLE: Socket-type terminal

DWG. NO.: JCB381-WDMCNP

PART NO.: JCB381-WDMCNP

UNIT: mm

SCALE: none

SHEET: 1 of 1

DWG. SIZE: A4

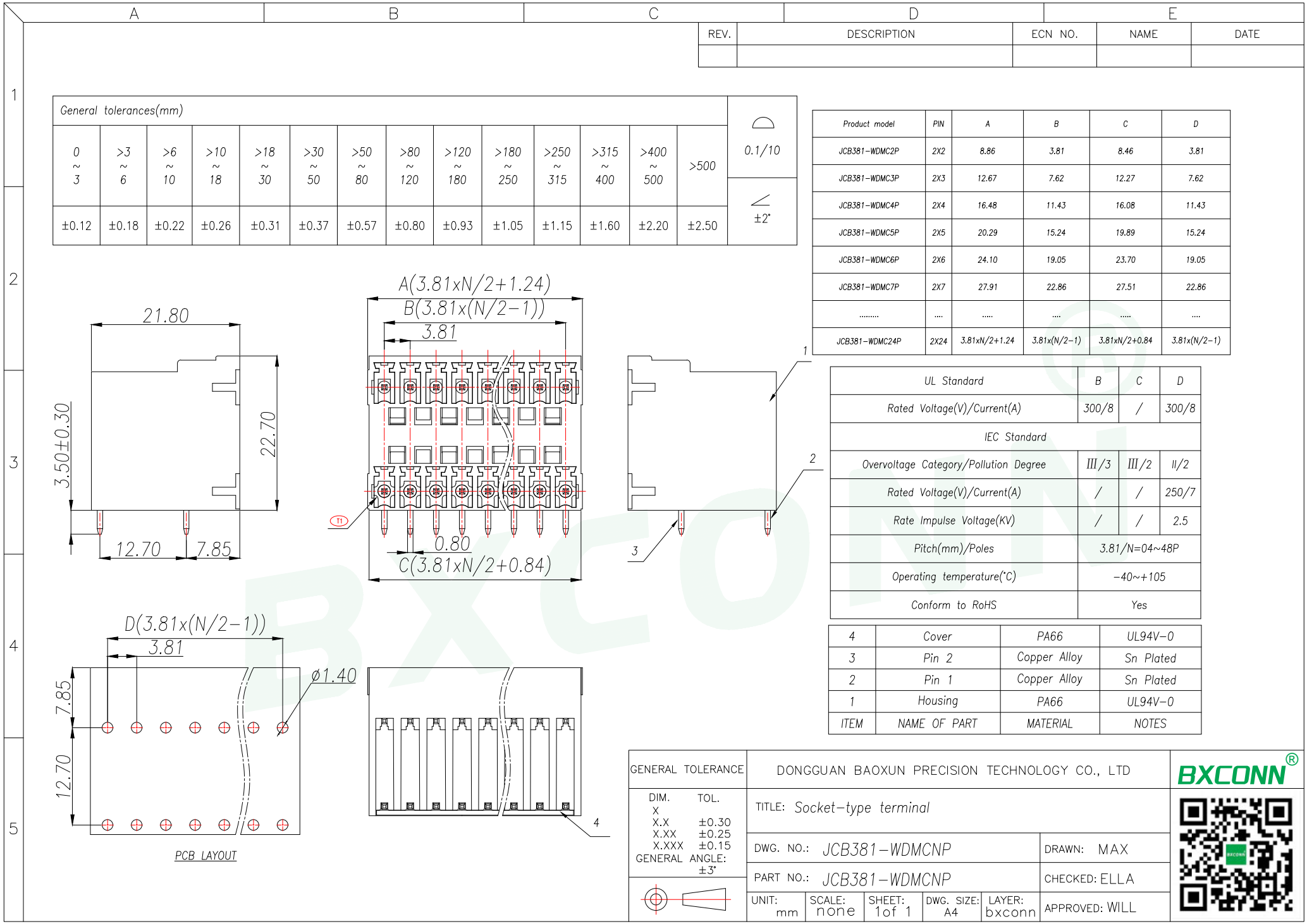
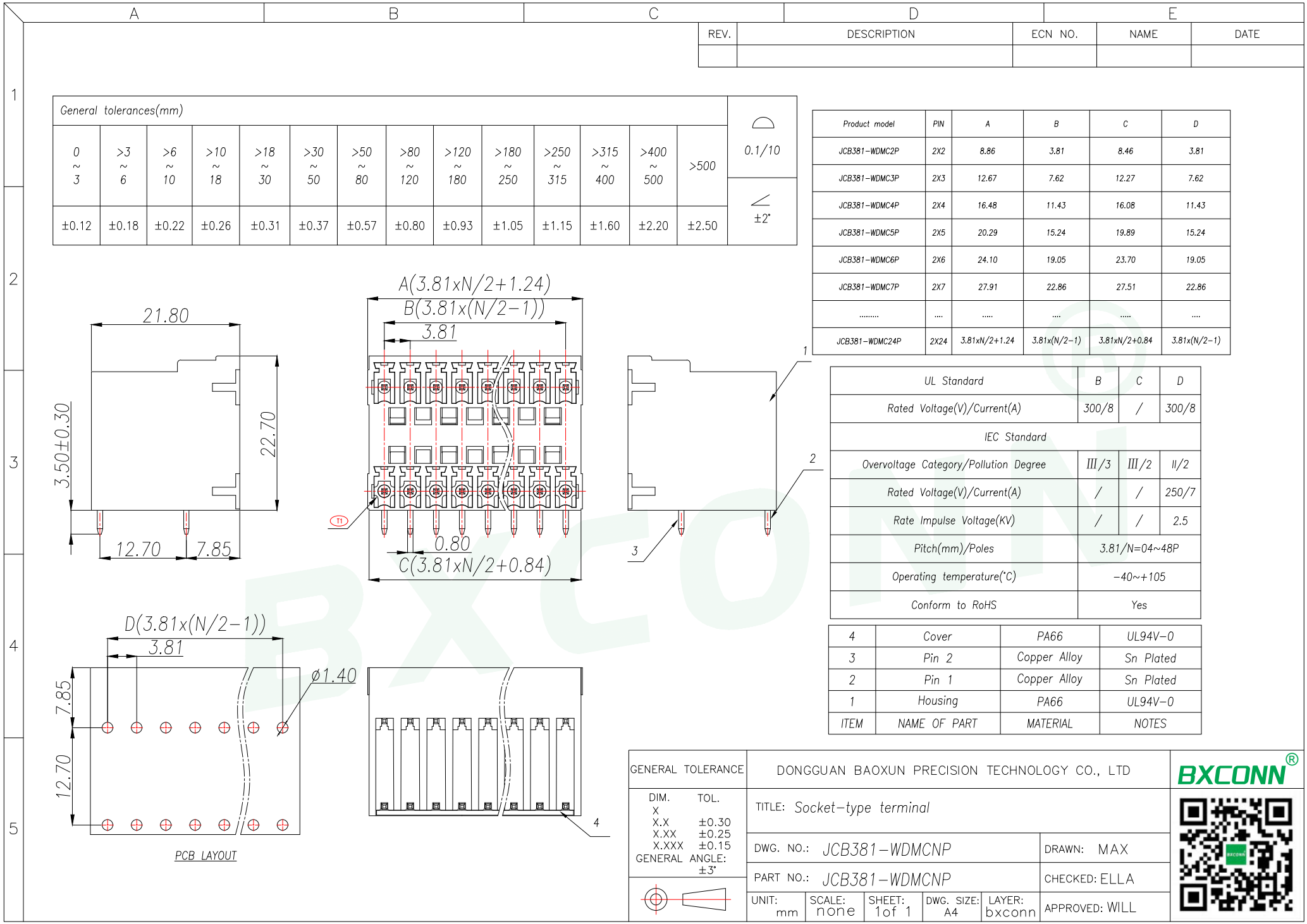
LAYER: bxconn

DRAWN: MAX

CHECKED: ELLA

APPROVED: WILL

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