

RoHS

1

2

3

4

5

REV.

EC#

DESCRIPTION

DATE

DRAWING

CHECKED

APPROVED

A0

NEW RELEASE

10/06'20

TEDDY

/

SUNNLY

14.00

0.84

1.94

0.26

1.36

0.05(ALL)

0.50±0.02

0.90

0.80

1.95

0.80

1.85

5.50

CARD PUSH IN

CARD LOCK POSITION

CARD PUSH OUT

5.76

4.66

3.56

2.46

1.40

14.25

13.58

14.55

15.25

0.55

0.74

5.78

VDD SWITCH(NORMAL OPEN)

TOUCH VDD TERMINAL AT FIRST

TOUCH CARD GOLD FINGER FINAL

14.55

5.35

7.70

1.40

0.27

1.40

1.10

0.40

0.20

1.50

0.80

1.40

1.90

1.30

0.85

1.00

1.30

5.90

10.36

11.60

13.95

RECOMMEND PCB LAYOUT

GENERAL TOLERANCE ±0.05

NOTES:

1. MATERIAL:

Housing:High Temperature Thermoplastic

UL94V-0; Color Black.

Contacts: Phosphor Bronze.

Tin 80u" at Solder Tail,

Selected Gold Flash on Contact Area plating.

Shell: Stainless.

Gold Flash on Contact solder Area

Over Nickel Plating.

2.Electrical Characteristics:

Operating voltage :100v AC(rms)/DC.

Current rating :0.5 A.

Operating Temperature:-25℃~+85℃.

Insulation resistance:1000M ohms min. at 500VDC

Dielectric withstanding voltage :500 VAC/1minute.

Dielectric resistance:100m ohms max.

3.Mechanical characteristics

Insertion force: 2.0kg Max.

Extraction force: 0.5kg Min.

Mating durability: 10000 cycles at the speed rate of

400~600 cycles/h; Without distortion of plastic and

serious wear and tear in terminal, No signal break.

Pin No.

MICRO SD

PIN1

DAT2

1P

PIN2

CD/DAT3

2P

PIN3

CMD

3P

PIN4

VDD

4P

PIN5

CLK

5P

PIN6

VSS

6P

PIN7

DAT0

7P

PIN8

DAT1

8P

PIN9

CARD DETECT

开关插卡状态

CIRCUIT:

CD GROUND

CD GROUND

WITHOUT CARD

CARD INSERTED

MILLIMETERS

INCH

UNITS

MM

MAT'L

SEE NOTES

FINISH

SEE NOTES

QTY

SEE NOTES

DR:

XB

东莞市溪榜电子有限公司

DONG GUAN XI BANG ELECTRONICS CO., LTD.

PART NUMBER:

XB-102014492

TITLE:

(TF014-010)

1.85mm P.P TF Card 常开一体式无柱

APPD:

CHKD:

DWG NO.:

C-102014492-00

SCALE

1:1

SHEET

1/2

REV.

A0

RoHS

REV. EC# DESCRIPTION DATE DRAWING CHECKED APPROVED
A0 NEW RELEASE 10/06'20 TEDDY / SUNNLY

14.00
0.84
1.94
0.26
1.36
0.05(ALL)
0.50±0.02
0.90
0.80
1.95
0.05(ALL)

14.25
13.58
1.35
5.76
4.66
3.56
2.46
1.40
14.55
15.25
0.55
0.74
5.78

VDD SWITCH(NORMAL OPEN)
TOUCH VDD TERMINAL AT FIRST TOUCH CARD GOLD FINGER FINAL

14.55
5.35
7.70
1.40
0.27
1.40
1.10
1.90
0.80
1.50
1.40
P_d
8d
1.40
1.30
0.85
1.00
5.90
10.36
11.60
13.95

RECOMMEND PCB LAYOUT
GENERAL TOLERANCE ±0.05

NOTES:
1.MATERIAL:
Housing:High Temperature Thermoplastic UL94V-0; Color Black.
Contacts: Phosphor Bronze.
Tin 80u" at Solder Tail,
Selected Gold Flash on Contact Area plating.
Shell: Stainless.
Gold Flash on Contact solder Area Over Nickel Plating.

2.Electrical Characteristics:
Operating voltage :100v AC(rms)/DC.
Current rating :0.5 A.
Operating Temperature:-25℃~+85℃.
Insulation resistance:1000M ohms min. at 500VDC
Dielectric withstanding voltage :500 VAC/1minute.
Contact resistance:100m ohms max.

3.Mechanical characteristics
Insertion force: 2.0kg Max.
Extraction force: 0.5kg Min.
Mating durability: 10000 cycles at the speed rate of 400~600 cycles/h; Without distortion of plastic and serious wear and tear in terminal, No signal break.

CARD PUSH IN
CARD LOCK POSITION
CARD PUSH OUT

Pin No.	MICRO SD
PIN1	DAT2 1P
PIN2	CD/DAT3 2P
PIN3	CMD 3P
PIN4	VDD 4P
PIN5	CLK 5P
PIN6	VSS 6P
PIN7	DAT0 7P
PIN8	DAT1 8P
PIN9	CARD DETECT

开关插卡状态

CIRCUIT:	CD	GROUND
WITHOUT CARD	(Symbol)	(Symbol)
CARD INSERTED	(Symbol)	(Symbol)

MILLIMETERS	INCH
X* ± 2°	X* ± 2°
.X ±0.30	.XX ±0.012
.XX ±0.20	.XXX ±0.008
.XXX±0.10	.XXXX±0.004

UNITS	MM
MAT'L	
SEE NOTES	
FINISH	
SEE NOTES	
QTY	
SEE NOTES	

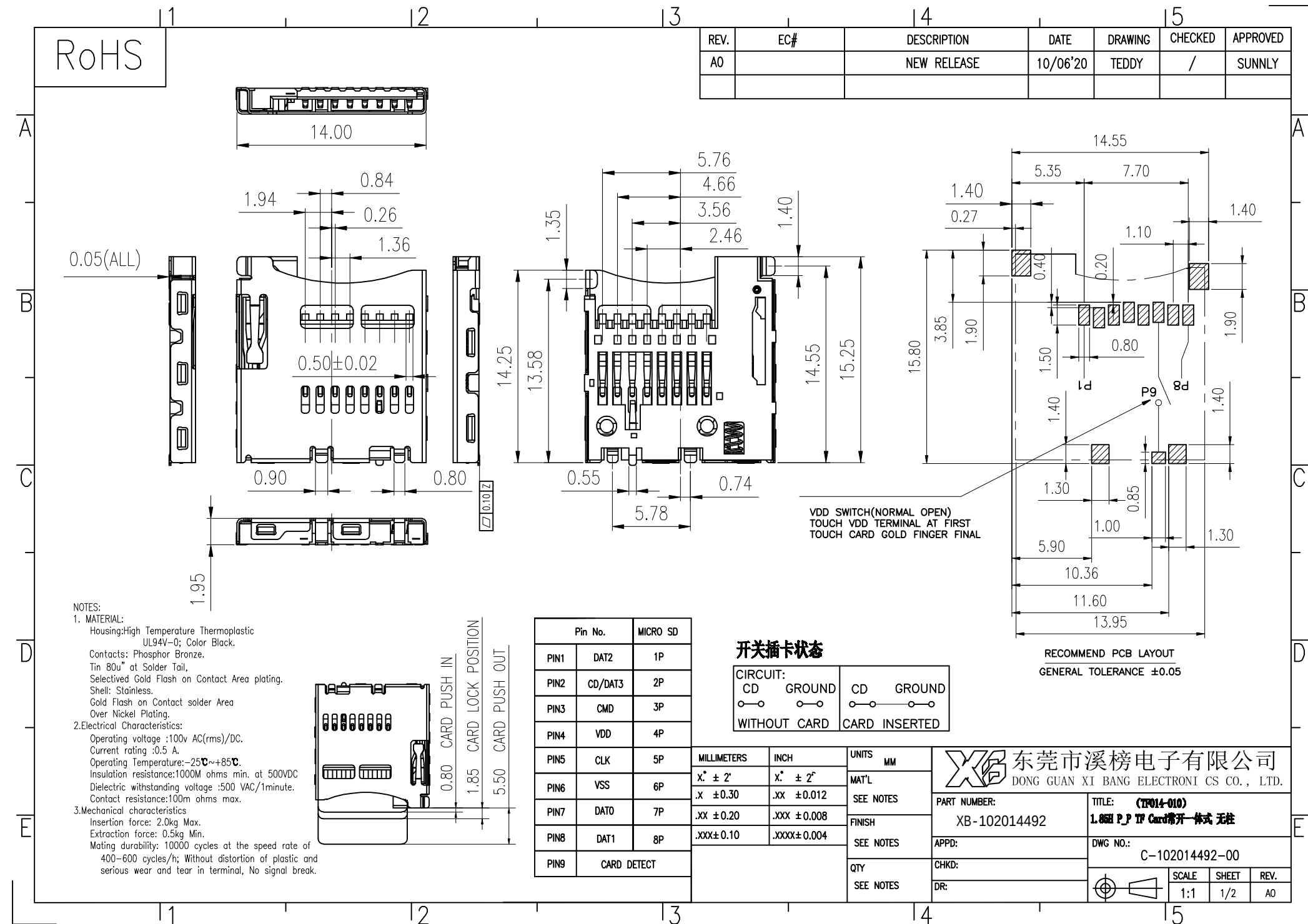
东莞市溪榜电子有限公司
DONG GUAN XI BANG ELECTRONICS CO., LTD.

PART NUMBER: XB-102014492 TITLE: (TF014-010) 1.85mm P.P TF Card滑开一体式无柱

APPD: DWG NO.: C-102014492-00

CHKD: SCALE: 1:1 SHEET: 1/2 REV: A0

DR:

[illegible]

A

B

C

D

E

REV.

EC#

DESCRIPTION

DATE

DRAWING

CHECKED

APPROVED

RoHS

1

2

3

4

5

A
B
C
D
E

VDD SWITCH(NORMAL OPEN)
TOUCH VDD TERMINAL AT FIRST TOUCH CARD GOLD FINGER FINAL

RECOMMEND PCB LAYOUT
GENERAL TOLERANCE ±0.05

NOTES:

1.MATERIAL:
Housing:High Temperature Thermoplastic UL94V-0; Color Black.
Contacts: Phosphor Bronze.
Tin 80u” at Solder Tail,
Selected Gold Flash on Contact Area plating.
Shell: Stainless.
Gold Flash on Contact solder Area Over Nickel Plating.

2.Electrical Characteristics:
Operating voltage :100v AC(rms)/DC.
Current rating :0.5 A.
Operating Temperature:-25℃~+85℃.
Insulation resistance:1000M ohms min. at 500VDC
Dielectric withstanding voltage :500 VAC/1minute.
Contact resistance:100m ohms max.

3.Mechanical characteristics
Insertion force: 2.0kg Max.
Extraction force: 0.5kg Min.
Mating durability: 10000 cycles at the speed rate of 400~600 cycles/h; Without distortion of plastic and serious wear and tear in terminal, No signal break.

Pin No.		MICRO SD
PIN1	DAT2	1P
PIN2	CD/DAT3	2P
PIN3	CMD	3P
PIN4	VDD	4P
PIN5	CLK	5P
PIN6	VSS	6P
PIN7	DATO	7P
PIN8	DAT1	8P
PIN9	CARD DETECT	

开关插卡状态

CIRCUIT:
CD GROUND CD GROUND
WITHOUT CARD CARD INSERTED

MILLIMETERS	INCH	UNITS MM
X [*] ± 2 [*]	X [*] ± 2 [*]	MAT'L
.X ±0.30	.XX ±0.012	SEE NOTES
.XX ±0.20	.XXX ±0.008	FINISH
.XXX±0.10	.XXXX±0.004	SEE NOTES
		QTY SEE NOTES

东莞市溪榜电子有限公司
DONG GUAN XI BANG ELECTRONICS CO., LTD.

PART NUMBER:
XB-102014492

TITLE:
(TF014-010) 1.85mm P.P TF Card滑开一体式无柱

APPD:

CHKD:

DR:

DWG NO.:
C-102014492-00

SHEET
1/2

SCALE
1:1

REV.
AO

RoHS

Top view dimensions: 14.00, 0.84, 1.94, 0.26, 1.36, 0.05(ALL), 0.50±0.02, 0.90, 0.80.

Side view dimension: 1.95.

Front view dimensions: 1.35, 5.76, 4.66, 3.56, 2.46, 1.40, 14.25, 13.58, 14.55, 15.25, 0.55, 0.74, 5.78.

Detailed front view dimensions: 14.55, 5.35, 7.70, 1.40, 0.27, 1.10, 1.40, 1.90, 1.40, 1.50, 0.80, 1.40, 1.30, 0.85, 1.00, 1.30, 5.90, 10.36, 11.60, 13.95.

VDD SWITCH(NORMAL OPEN)
TOUCH VDD TERMINAL AT FIRST
TOUCH CARD GOLD FINGER FINAL

RECOMMEND PCB LAYOUT
GENERAL TOLERANCE ±0.05

NOTES:

1. MATERIAL:

Housing:High Temperature Thermoplastic
UL94V-0; Color Black.
Contacts: Phosphor Bronze.
Tin 80u" at Solder Tail,
Selected Gold Flash on Contact Area plating.
Shell: Stainless.
Gold Flash on Contact solder Area
Over Nickel Plating.

2.Electrical Characteristics:

Operating voltage :100v AC(rms)/DC.
Current rating :0.5 A.
Operating Temperature:-25℃~+85℃.
Insulation resistance:1000M ohms min. at 500VDC
Dielectric withstanding voltage :500 VAC/1minute.
Contact resistance:100m ohms max.

3.Mechanical characteristics

Insertion force: 2.0kg Max.
Extraction force: 0.5kg Min.
Mating durability: 10000 cycles at the speed rate of
400~600 cycles/h; Without distortion of plastic and
serious wear and tear in terminal, No signal break.

Bottom view dimensions: 0.80 CARD PUSH IN, 1.85 CARD LOCK POSITION, 5.50 CARD PUSH OUT.

Pin No.		MICRO SD
PIN1	DAT2	1P
PIN2	CD/DAT3	2P
PIN3	CMD	3P
PIN4	VDD	4P
PIN5	CLK	5P
PIN6	VSS	6P
PIN7	DAT0	7P
PIN8	DAT1	8P
PIN9	CARD DETECT	

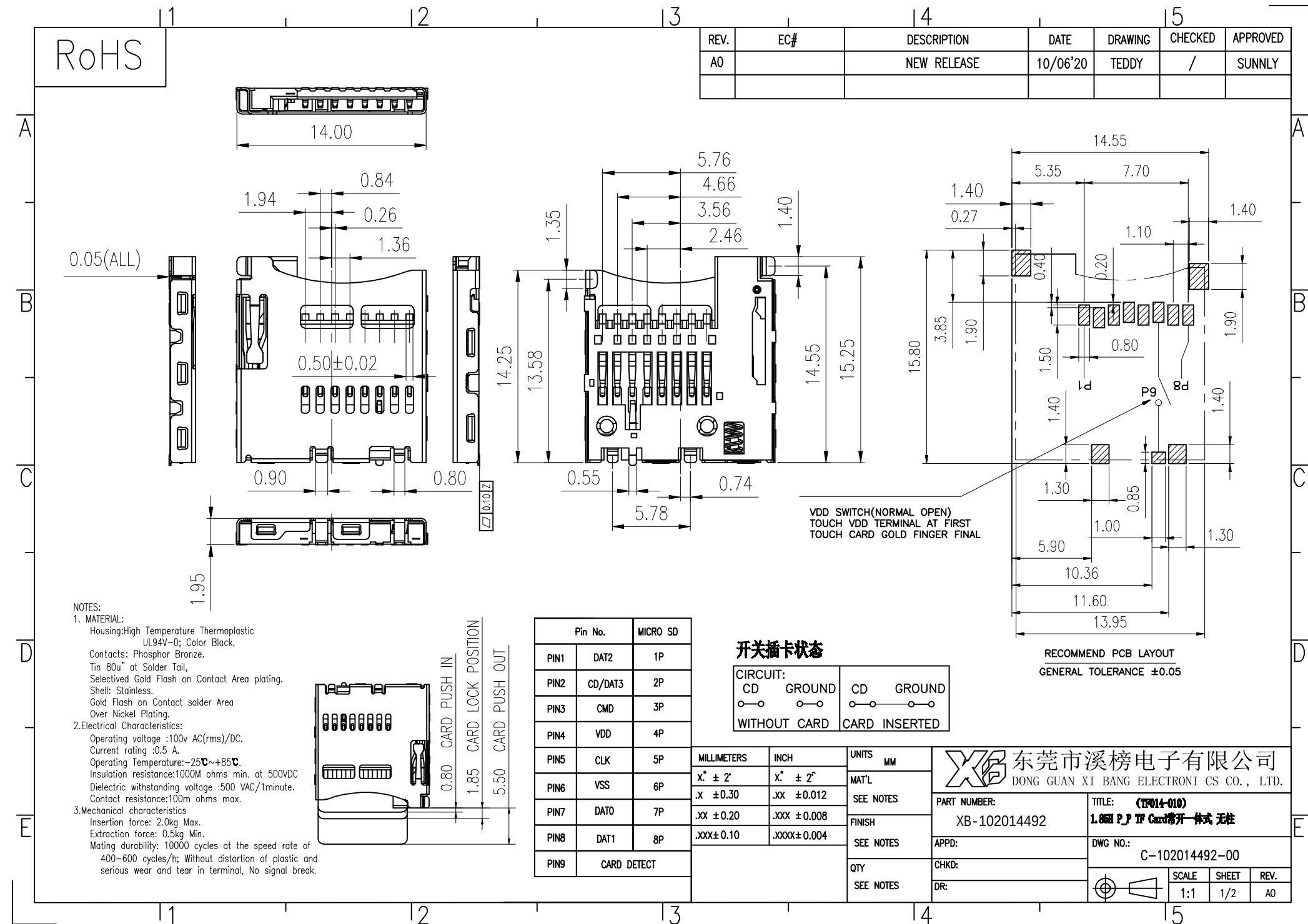
开关插卡状态

CIRCUIT:		WITHOUT CARD		CARD INSERTED	
CD	GROUND	CD	GROUND	CD	GROUND
○—○	○—○	○—○	○—○	○—○	○—○

MILLIMETERS	INCH
X [*] ± 2 [*]	X [*] ± 2 [*]
.X ± 0.30	.XX ± 0.012
.XX ± 0.20	.XXX ± 0.008
.XXX ± 0.10	.XXXX ± 0.004

UNITS	MM
MAT'L	
SEE NOTES	
FINISH	
SEE NOTES	
QTY	
SEE NOTES	

XB 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.	
PART NUMBER: XB-102014492	TITLE: (TF014-010) 1.85mm P.P TF Card 滑开一体式无柱
APPD:	DWG NO.: C-102014492-00
CHKD:	
DR:	
	SCALE SHEET REV. 1:1 1/2 A0

[illegible]

REV.

EC#

DESCRIPTION

DATE

DRAWING

CHECKED

APPROVED

A0

NEW RELEASE

10/06'20

TEDDY

/

SUNNLY

RoHS

0.05(ALL)

1.95

14.25

VDD SWITCH(NORMAL OPEN)
TOUCH VDD TERMINAL AT FIRST
TOUCH CARD GOLD FINGER FINAL

RECOMMEND PCB LAYOUT
GENERAL TOLERANCE ±0.05

NOTES:

1. MATERIAL:

- Housing:High Temperature Thermoplastic UL94V-0; Color Black.
- Contacts: Phosphor Bronze.
- Tin 80u" at Solder Tail,
- Selective Gold Flash on Contact Area plating.
- Shell: Stainless.
- Gold Flash on Contact solder Area Over Nickel Plating.

2.Electrical Characteristics:

- Operating voltage :100v AC(rms)/DC.
- Current rating :0.5 A.
- Operating Temperature:-25℃~+85℃.
- Insulation resistance:1000M ohms min. at 500VDC
- Dielectric withstanding voltage :500 VAC/1minute.
- Contact resistance:100m ohms max.

3.Mechanical characteristics

- Insertion force: 2.0kg Max.
- Extraction force: 0.5kg Min.
- Mating durability: 10000 cycles at the speed rate of 400~600 cycles/h; Without distortion of plastic and serious wear and tear in terminal, No signal break.

0.80 CARD PUSH IN

1.85 CARD LOCK POSITION

5.50 CARD PUSH OUT

Pin No.		MICRO SD
PIN1	DAT2	1P
PIN2	CD/DAT3	2P
PIN3	CMD	3P
PIN4	VDD	4P
PIN5	CLK	5P
PIN6	VSS	6P
PIN7	DATO	7P
PIN8	DAT1	8P
PIN9	CARD DETECT	

开关插卡状态

MILLIMETERS	INCH
X* ± 2"	X* ± 2"
.X ± 0.30	.XX ± 0.012
.XX ± 0.20	.XXX ± 0.008
.XXX± 0.10	.XXXX± 0.004

UNITS	MM
MAT'L	
SEE NOTES	
FINISH	
SEE NOTES	
QTY	
SEE NOTES	

XBB 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.	
PART NUMBER: XB-102014492	TITLE: (TF014-010) 1.85mm P.P TF Card滑开一体式无柱
APPD:	DWG NO.: C-102014492-00
CHKD:	
DR:	
SCALE 1:1	SHEET 1/2
REV. A0	

[illegible][illegible]

RoHS

1

2

3

4

5

REV.

EC#

DESCRIPTION

DATE

DRAWING

CHECKED

APPROVED

A0

NEW RELEASE

10/06'20

TEDDY

/

SUNNLY

14.00

0.84

1.94

0.26

1.36

0.05(ALL)

0.50±0.02

0.90

0.80

1.95

0.80

1.85

5.50

CARD PUSH IN

CARD LOCK POSITION

CARD PUSH OUT

5.76

4.66

3.56

2.46

1.40

14.25

13.58

14.55

15.25

0.55

0.74

5.78

VDD SWITCH(NORMAL OPEN)

TOUCH VDD TERMINAL AT FIRST

TOUCH CARD GOLD FINGER FINAL

14.55

5.35

7.70

1.40

0.27

1.40

1.10

0.40

0.20

1.50

0.80

1.40

1.90

1.30

0.85

1.00

1.30

5.90

10.36

11.60

13.95

RECOMMEND PCB LAYOUT

GENERAL TOLERANCE ±0.05

NOTES:

1. MATERIAL:

Housing:High Temperature Thermoplastic

UL94V-0; Color Black.

Contacts: Phosphor Bronze.

Tin 80u" at Solder Tail,

Selected Gold Flash on Contact Area plating.

Shell: Stainless.

Gold Flash on Contact solder Area

Over Nickel Plating.

2.Electrical Characteristics:

Operating voltage :100v AC(rms)/DC.

Current rating :0.5 A.

Operating Temperature:-25℃~+85℃.

Insulation resistance:1000M ohms min. at 500VDC

Dielectric withstanding voltage :500 VAC/1minute.

Dielectric resistance:100m ohms max.

3.Mechanical characteristics

Insertion force: 2.0kg Max.

Extraction force: 0.5kg Min.

Mating durability: 10000 cycles at the speed rate of

400~600 cycles/h; Without distortion of plastic and

serious wear and tear in terminal, No signal break.

Pin No.

MICRO SD

PIN1

DAT2

1P

PIN2

CD/DAT3

2P

PIN3

CMD

3P

PIN4

VDD

4P

PIN5

CLK

5P

PIN6

VSS

6P

PIN7

DAT0

7P

PIN8

DAT1

8P

PIN9

CARD DETECT

开关插卡状态

CIRCUIT:

CD GROUND

CD GROUND

WITHOUT CARD

CARD INSERTED

MILLIMETERS

INCH

UNITS

MM

MAT'L

SEE NOTES

FINISH

SEE NOTES

QTY

SEE NOTES

DR

XB

东莞市溪榜电子有限公司

DONG GUAN XI BANG ELECTRONICS CO., LTD.

PART NUMBER:

XB-102014492

TITLE:

(TF014-010)

1.85mm P.P TF Card 常开一体式无柱

APPD:

CHKD:

DWG NO.:

C-102014492-00

SCALE

1:1

SHEET

1/2

REV.

A0

RoHS

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REV.

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0.05(ALL)

0.50±0.02

0.90

0.80

1.95

0.80

1.85

5.50

CARD PUSH IN

CARD LOCK POSITION

CARD PUSH OUT

5.76

4.66

3.56

2.46

1.40

14.25

13.58

14.55

15.25

0.55

0.74

5.78

VDD SWITCH(NORMAL OPEN)

TOUCH VDD TERMINAL AT FIRST

TOUCH CARD GOLD FINGER FINAL

14.55

5.35

7.70

1.40

0.27

1.40

1.10

0.40

0.20

1.50

0.80

1.40

1.90

1.30

0.85

1.00

1.30

5.90

10.36

11.60

13.95

RECOMMEND PCB LAYOUT

GENERAL TOLERANCE ±0.05

NOTES:

1. MATERIAL:

Housing:High Temperature Thermoplastic

UL94V-0; Color Black.

Contacts: Phosphor Bronze.

Tin 80u" at Solder Tail,

Selected Gold Flash on Contact Area plating.

Shell: Stainless.

Gold Flash on Contact solder Area

Over Nickel Plating.

2.Electrical Characteristics:

Operating voltage :100v AC(rms)/DC.

Current rating :0.5 A.

Operating Temperature:-25℃~+85℃.

Insulation resistance:1000M ohms min. at 500VDC

Dielectric withstanding voltage :500 VAC/1minute.

Dielectric resistance:100m ohms max.

3.Mechanical characteristics

Insertion force: 2.0kg Max.

Extraction force: 0.5kg Min.

Mating durability: 10000 cycles at the speed rate of

400~600 cycles/h; Without distortion of plastic and

serious wear and tear in terminal, No signal break.

Pin No.

MICRO SD

PIN1

DAT2

1P

PIN2

CD/DAT3

2P

PIN3

CMD

3P

PIN4

VDD

4P

PIN5

CLK

5P

PIN6

VSS

6P

PIN7

DAT0

7P

PIN8

DAT1

8P

PIN9

CARD DETECT

开关插卡状态

CIRCUIT:

CD GROUND

CD GROUND

WITHOUT CARD

CARD INSERTED

MILLIMETERS

INCH

UNITS

MM

MAT'L

SEE NOTES

FINISH

SEE NOTES

QTY

SEE NOTES

DR

XB

东莞市溪榜电子有限公司

DONG GUAN XI BANG ELECTRONICS CO., LTD.

PART NUMBER:

XB-102014492

TITLE:

(TF014-010)

1.85mm P.P TF Card 常开一体式无柱

APPD:

CHKD:

DWG NO.:

C-102014492-00

SCALE

1:1

SHEET

1/2

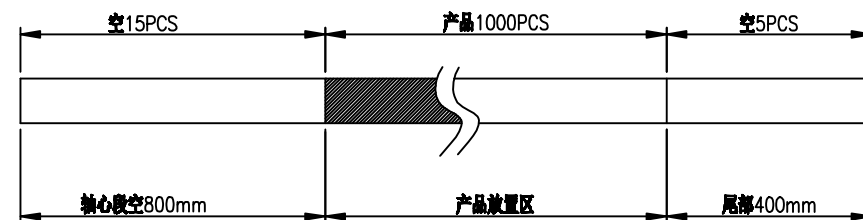
REV.

A0

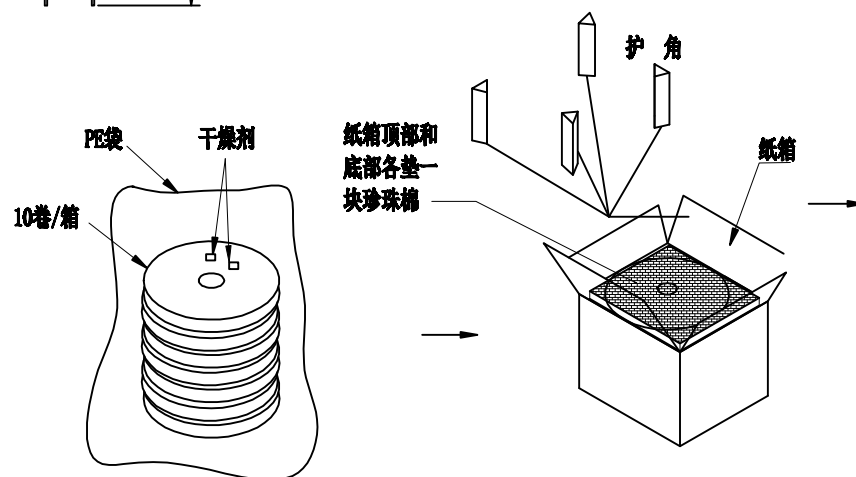
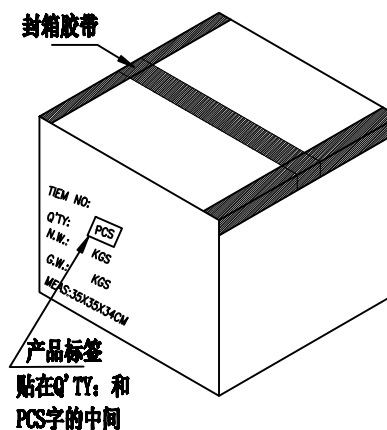
RoHS

NOTES

1. 每卷包装数量:1000PCS/每卷
2. 卷带包装方式:



3. 每箱包装数量:10000PCS/箱



MILLIMETERS	INCH	UNITS	东莞市溪榜电子有限公司			
X" ± 2"	X" ± 2"	MM	DONG GUAN XI BANG ELECTRONICS CO., LTD.			
.X ± 0.30	.XX ± 0.012	MAT'L	PART NUMBER: XB-102014492			
.XX ± 0.20	.XXX ± 0.008	SEE NOTES	TITLE: (TP014-010)			
.XXX ± 0.10	.XXXX ± 0.004	FINISH	1.85H P_P TF Card带开一体式 无柱			
		SEE NOTES	APPD:			
		QTY	DWG NO.: C-102014492-00			
		SEE NOTES	CHKD:			
			DR:			
			SCALE SHEET REV.			
			1:1 2/2 A0			