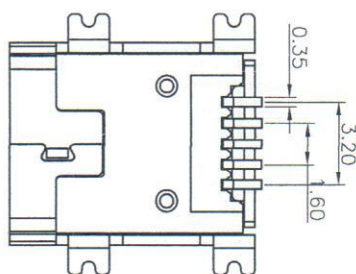
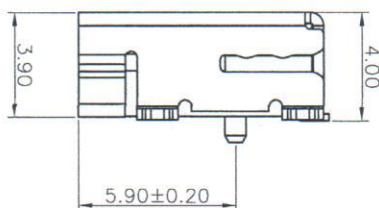
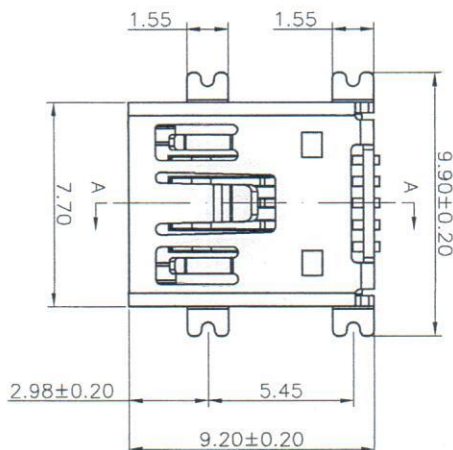
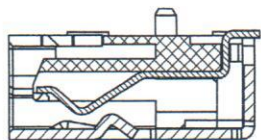


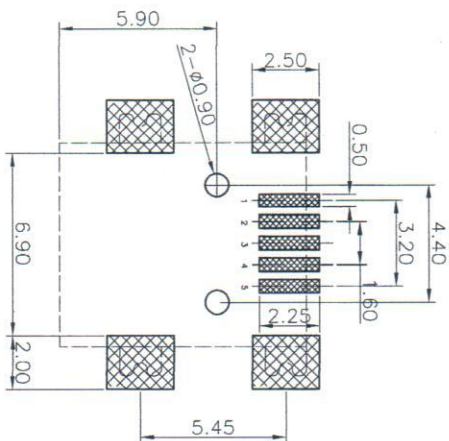
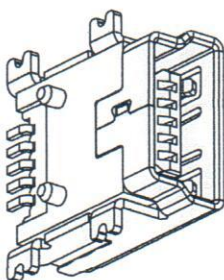
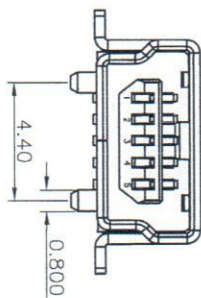
RoHS Compliant

CUSTOMER DRAWING

REV	ECN NO.	DESCRIPTION	DATE	ENGINEER
A/0		NEW DRAWING	11.07.20	Edison



- 1.MATERIAL:
INSULATOR: LCP UL 94V-0
CONTACT: QSN6.5-0.1 T=0.25MM
SHELL: BRASS H65, T=0.30MM
- 2.MECHANICAL:
MATING: 35N MAX.
WITHDRAWAL FORCE: 7N MIN.
DURABILITY: 1500 CYCLES MIN.
- 3.ELECTRICAL:
CURRENT-MAX [AMPS]: 1A
VOLTAGE-MAX [VOLTS]: 30V
WITHSTANDING VOLTAGE: 100V AC.
CONTACT RESISTANCE [OHMS]: 50mΩ MAX.
INSULATION RESISTANCE [OHMS]: 100MΩ MIN.
- 4.PLATING:
CONTACTS: GOLD AND TIN OVER NICKEL PLATED
SHELL: NICKEL OVER ALL PLATING
- 5.ENVIRONMENTAL:
TEMPERATURE RANGE: -55°C TO +85°C



RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT

ITEM	PART NAME	Q'TY	MATERIAL	PLATING
3	TERMINAL	5	QSN6.5-0.1 T=0.25	Au GF
2	SHELL	1	BRASS H65 T=0.40	NI 50U" MIN
1	HOUSING	1	LCP UL94V-0	

TOLERANCING METRIC X.XXX=±0.05 X.XX=±0.10 X.X=±0.15 X=±0.25 ANG: X.XX=±1° ANG: X.X=±2° ANG: X=±3°	
QUALITY SYMBOLS CRITICAL=Ⓢ MAJOR=Ⓢ	
DRAWN:	
CHECKED:	
APPROVED:	

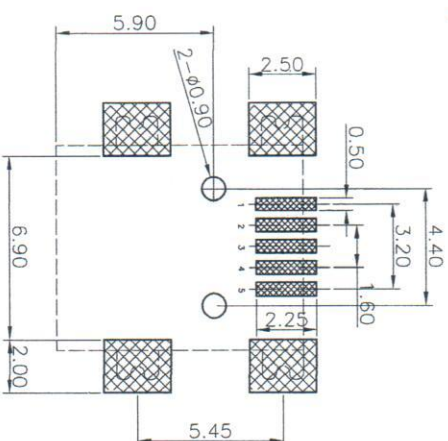
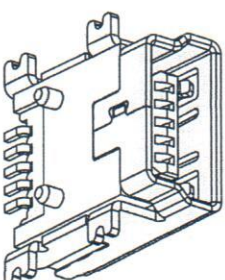
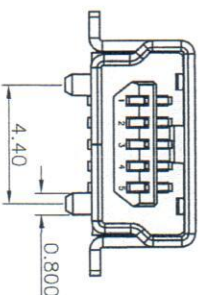
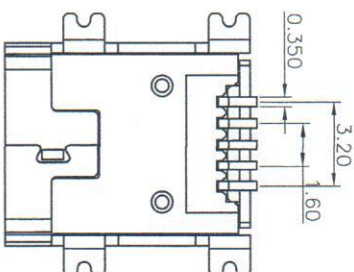
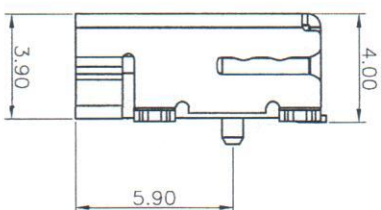
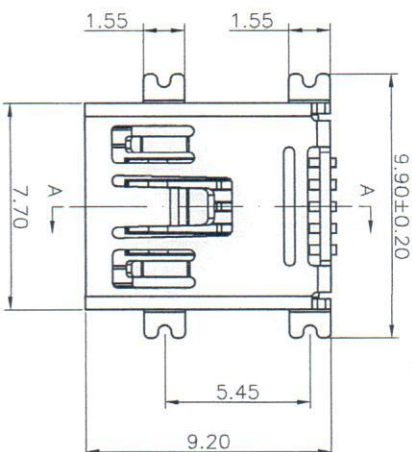
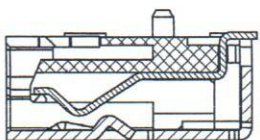
MATERIAL: SEE NOTE	
SCALE: 1:1	
PAGE: A4	
UNIT: mm	
SHEET: 1 OF 1	

UNIT® SHENZHEN UNIT ELECTRONICS CO., LTD
深圳市鸿宇特电子有限公司

NAME: P/N: 102300001028011

MINI-USB-5F-SMT(带柱)
-黑色-铜壳(带卡点)-GF
DWG NO.: DWG-102-0034

RoHS Compliant



RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT

REV.	ECN NO.	DESCRIPTION	DATE	ENGINEER

1. MATERIAL:
INSULATOR: LCP UL 94V-0
CONTACT: OSN6.5-0.1, T=0.25MM
SHELL: BRASS H65, T=0.30MM
2. MECHANICAL:
MATING: 35N MAX.
WITHDRAWAL FORCE: 7N MIN.
DURABILITY: 1500 CYCLES MIN.
3. ELECTRICAL:
CURRENT-MAX [AMPS]: 1A
VOLTAGE-MAX [VOLTS]: 30V
WITHSTANDING VOLTAGE: 100V AC.
CONTACT RESISTANCE [OHMS]: 50mΩ MAX.
INSULATION RESISTANCE [OHMS]: 100MΩ MIN.
4. PLATING:
CONTACTS: GOLD AND TIN OVER NICKEL PLATED
SHELL: NICKEL OVER ALL PLATING
5. ENVIRONMENTAL:
TEMPERATURE RANGE: -55°C TO +85°C

P/N: USB08-12-08-01

端子材质与电镀规格
08: C5191 (OSN-6.5-0.1) GF
胶芯材质与颜色
12: LCP BLACK
规格型号

2

UNIT SHENZHEN UNIT ELECTRONICS CO., LTD
深圳市鸿宇特电子有限公司

NAME:

MINI USB 5F SMT

DWG NO.: DWG-F-530

P/N: USB08-12-08-01

PAGE: 1 of 1

QUALITY SYMBOLS

CRITICAL=

MAJOR=

MATERIAL:

SEE NOTE



LSB

SCALE:

1:1

UNIT

mm

REV.

AD

DATE

2009-02-19

CHECKED:

WOODY

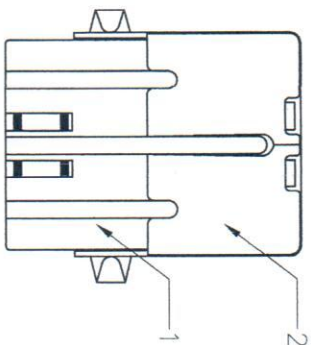
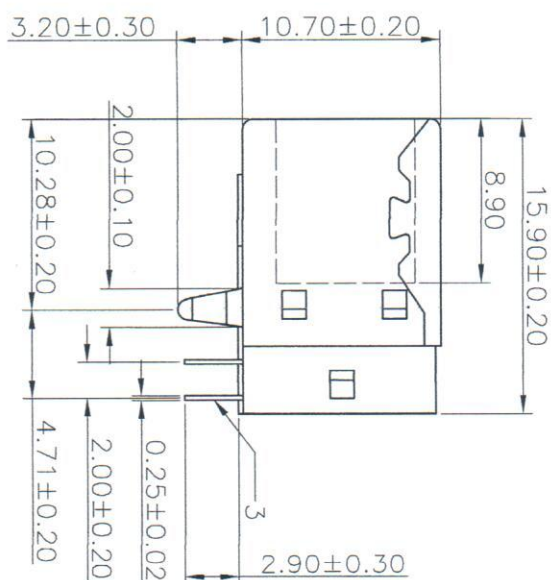
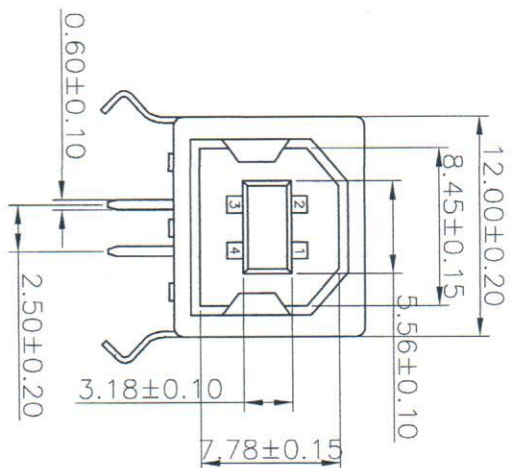
APPROVED:

ZLY

RoHS Compliant

CUSTOMER DRAWING

REV	ECN NO.	DESCRIPTION	DATE	ENGINEER
A/0		NEW DRAWING	11.01.25	HKJ



RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT

1. MATERIAL:
INSULATOR: PBT UL 94V-0
CONTACT: C5191; T=0.25MM
SHELL: BRASS C2680; T=0.30MM
2. MECHANICAL:
MATING: 35N MAX.
WITHDRAWAL FORCE: 10N MIN.
DURABILITY: 1500 CYCLES MIN.
3. ELECTRICAL:
CURRENT - MAX [AMPS]: 1.5A
VOLTAGE - MAX [VOLTS]: 30V
WITHSTANDING VOLTAGE: 500V AC.
CONTACT RESISTANCE [OHMS]: 30mΩ MAX.
INSULATION RESISTANCE [OHMS]: 1000MΩ MIN.
4. PLATING:
CONTACTS: GOLD AND TIN OVER NICKEL PLATED
SHELL: NICKEL OVER ALL PLATING
5. ENVIRONMENTAL:
TEMPERATURE RANGE: -55°C TO +85°C

P/N: USB12-02-08-02

02:W/O BACK SHELL
TERMINAL MATERIAL AND PLATING
08:C5191 1U"
HOUSING MATERIAL AND COLOUR
02:PBT WHITE
TYPE
12:BF 90° DIP

ITEM	PART NAME	Q'TY	MATERIAL	PLATING
3	TERMINAL	4	C5191 T=0.25	AU
2	SHELL	1	C2680 T=0.30	NI 50U" MIN
1	HOUSING	1	PBT UL94V-0	

UNIT SHENZHEN UNIT ELECTRONICS CO., LTD
深圳市鸿宇特电子有限公司

NAME:

USB BF 90° DIP

P/USB12-02-08-02

DWG NO.: DWG-F-924

THIRD ANGLE PROJECTION

SCALE: PAGE UNIT SHEET



1:1 A4 mm 1 OF 1

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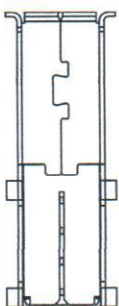
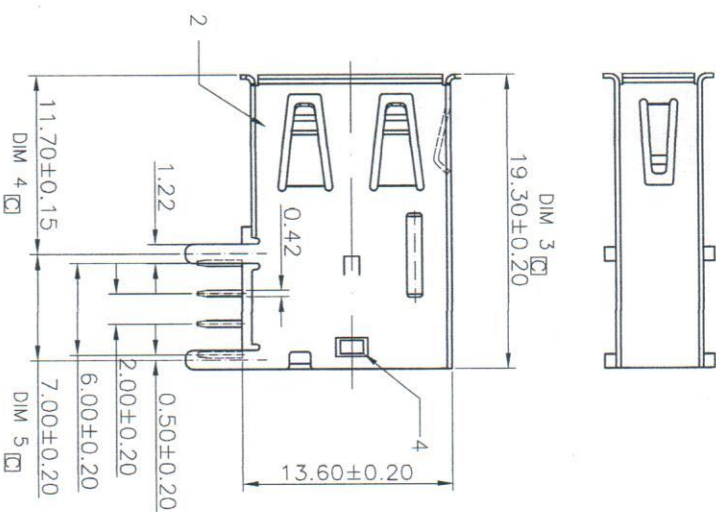
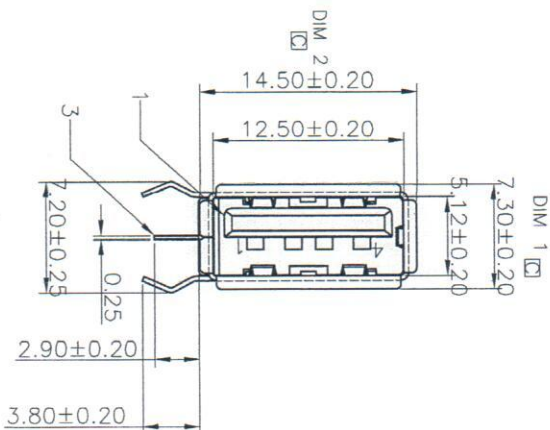
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CRITICAL = [C]
MAJOR = [M]

RoHS Compliant

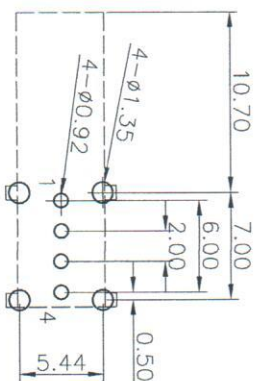
CUSTOMER DRAWING

REV	ECN NO.	DESCRIPTION	DATE	ENGINEER
A/0		NEW DRAWING	11.07.27	Edison



P/N:102200033028021

有LOGO
色码:白色
电键规格:GF



RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT

- 1.MATERIAL:
INSULATOR:PBT UL 94V-0
CONTACT:OSN6.5-0.1T=0.25MM
SHELL:BRASS H65,T=0.30MM
BACK SHELL:SPCC,T=0.30MM
- 2.MECHANICAL:
MATING:35N MAX.
WITHDRAWAL FORCE:10N MIN.
DURABILITY:1500 CYCLES MIN.
- 3.ELECTRICAL:
CURRENT-MAX[AMPS]:1.5A
VOLTAGE-MAX[VOLTS]:30V
WITHSTANDING VOLTAGE: 500V AC.
CONTACT RESISTANCE [OHMS]:30mΩMAX.
INSULATION RESISTANCE [OHMS]:1000MΩMIN.
- 4.PLATING:
CONTACTS:GOLD AND TIN OVER NICKEL PLATED
SHELL:NICKEL OVER ALL PLATING
- 5.ENVIRONMENTAL:
TEMPERATURE RANGE:-55℃ TO +85℃

4

4	BACK SHELL	1	SPCC T=0.30	NI 50U" MIN
3	TERMINAL	4	QSN6.5-0.1 T=0.25	AU GF
2	SHELL	1	BRASS H65 T=0.30	NI 50U" MIN
1	HOUSING	1	PBT UL94V-0	
ITEM	PART NAME	Q'TY	MATERIAL	PLATING

UNIT[®] SHENZHEN UNIT ELECTRONICS CO., LTD
深圳市鸿宇特电子有限公司

NAME:

USB-AF90°侧插-白色-棉壳
(#=1.22 / C=0.50) -不加漆-GF

P/N: 102200033028021

DWG NO: DWG-102-00332



SCALE: 1:1

PAGE: A4

UNIT

SHEET

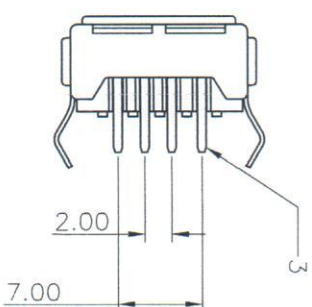
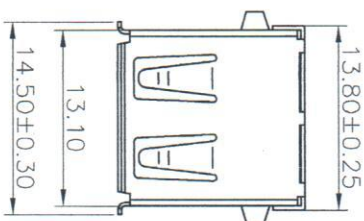
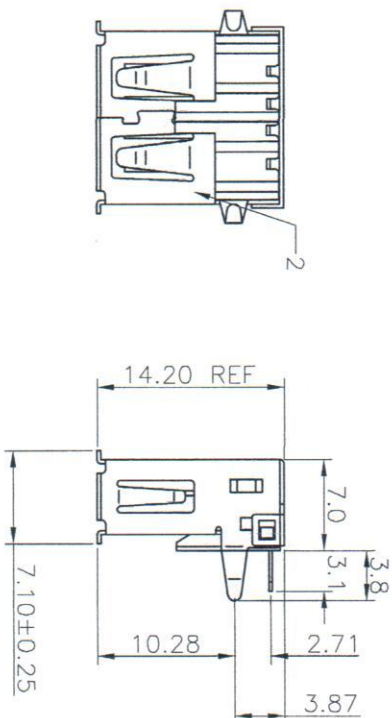
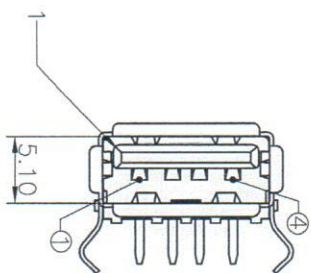
1 OF 1

QUALITY SYMBOLS
CRITICAL=□
MAJOR=◎

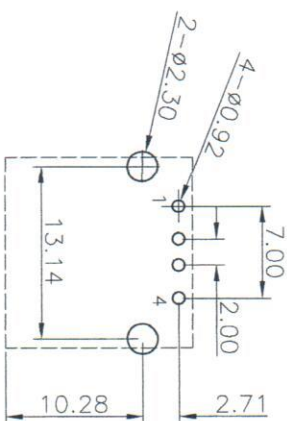
DRAWN:

CHECKED:

APPROVED:



1. MATERIAL:
INSULATOR: PBT UL94V-0
CONTACT: C5191; T=0.25MM
SHELL: C2680; T=0.30MM
2. MECHANICAL:
MATING: 35N MAX.
WITHDRAWAL FORCE: 10N MIN.
DURABILITY: 1500 CYCLES MIN.
3. ELECTRICAL:
CURRENT-MAX [AMPS]: 1.5A
VOLTAGE-MAX [VOLTS]: 30V
WITHSTANDING VOLTAGE: 500V AC.
CONTACT RESISTANCE [OHMS]: 30mΩ MAX.
INSULATION RESISTANCE [OHMS]: 1000MΩ MIN.
4. PLATING:
CONTACTS: GOLD AND TIN OVER NICKEL PLATED
SHELL: NICKEL OVER ALL PLATING
5. ENVIRONMENTAL:
TEMPERATURE RANGE: -55°C TO +85°C



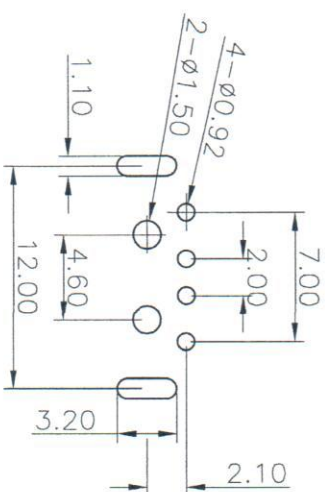
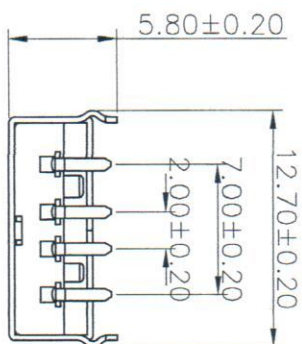
RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT

(5)

REV	ECN NO.	DESCRIPTION	DATE	ENGINEER
A/0		NEW DRAWING	11.08.04	Edison

3	TERMINAL	4	C5191 T=0.25	AU GF
2	SHELL	1	C2680 T=0.30	NI 50U" MIN
1	HOUSING	1	PBT UL94V-0	
ITEM	PART NAME	QTY	MATERIAL	PLATING
TOLERANCING				
METRIC				
X.XXX ±0.15				
X.XX ±0.20				
X.X ±0.25				
X. ±0.30				
ANG: X.XX ±1°				
ANG: X.X ±2°				
ANG: X. ±3°				
QUALITY SYMBOLS				
CRITICAL = □				
MAJOR = ⊗				
NAME: USB-AF90°-DIP- 白色-铜壳-GF				
P/N: 10220008028021				
DWG NO: DWG-102-0009				
SCALE: 1:1				
PAGE: A4				
UNIT: mm				
SHEET: 1 OF 1				
DRAWN: [Symbol]				
CHECKED: [Symbol]				
APPROVED: [Symbol]				

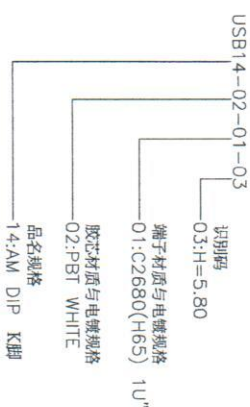
UNIT SHENZHEN UNIT ELECTRONICS CO., LTD
深圳市鸿宇特电子有限公司



RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT

	11	12	13	14
REV.	ECN NO.	DESCRIPTION	DATE	ENGINEER

- 1.MATERIAL:
INSULATOR:PBT UL 94V-0
CONTACT:BRASS H65,T=0.25MM
SHELL:SPCC,T=0.30MM
- 2.MECHANICAL:
MATING:35N MAX.
WITHDRAWAL FORCE:10N MIN.
DURABILITY:1500 CYCLES MIN.
- 3.ELECTRICAL:
CURRENT-MAX[AMPS]:1.5A
VOLTAGE-MAX[VOLTS]:30V
WITHSTANDING VOLTAGE: 500V AC.
CONTACT RESISTANCE [OHMS]:30mΩMAX.
INSULATION RESISTANCE [OHMS]:1000MΩMIN.
- 4.PLATING:
CONTACTS:GOLD AND TIN OVER NICKEL PLATED
SHELL:NICKEL OVER ALL PLATING
- 5.ENVIRONMENTAL:
TEMPERATURE RANGE:-55℃ TO +85℃



3	TERMINAL	4	BRASS H65 T=0.25	AU GF
2	SHELL	1	SPCC T=0.30	NI 50U"MIN
1	HOUSING	1	PBT UL94V-0	
ITEM	PART NAME	Q'TY	MATERIAL	PLATING

UNIT® SHENZHEN UNIT ELECTRONICS CO., LTD
深圳市鸿宇特电子有限公司

NAME: _____

USB AM DIP

TOLERANCING METRIC

X.XXX	± 0.05
X.XX	± 0.10
X.X	± 0.15
X.	± 0.25
ANG: X.XX	$\pm 1^{\circ}$
ANG: X.X	$\pm 2^{\circ}$
ANG: X.	$\pm 3^{\circ}$

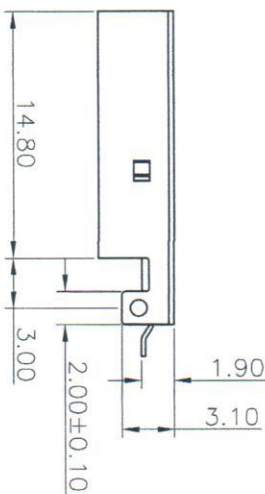
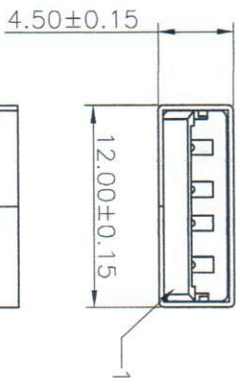
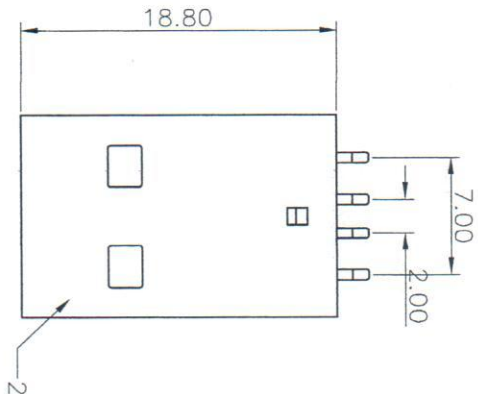
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PAGE: 1 OF 1

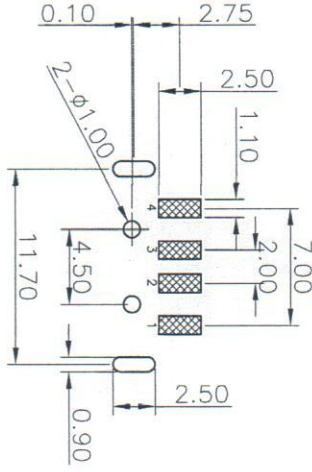
QUALITY SYMBOLS

MATERIAL:

SEE NOTE



RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT



- 1.MATERIAL:
INSULATOR:PBT UL 94V-0
CONTACT:BRASS;T=0.25MM
SHELL:SPCC;T=0.30MM
- 2.MECHANICAL:
MATING:35N MAX.
WITHDRAWAL FORCE:10N MIN.
DURABILITY:1500 CYCLES MIN.
- 3.ELECTRICAL:
CURRENT-MAX[AMPS]:1.5A
VOLTAGE-MAX[VOLTS]:30V
WITHSTANDING VOLTAGE: 500V AC.
CONTACT RESISTANCE [OHMS]:30mΩMAX.
INSULATION RESISTANCE [OHMS]:1000MΩMIN.
- 4.PLATING:
CONTACTS:GOLD AND TIN OVER NICKEL PLATED
SHELL:NICKEL OVER ALL PLATING
- 5.ENVIRONMENTAL:
TEMPERATURE RANGE:-55℃ TO +85℃

REV	ECN NO.	DESCRIPTION	DATE	ENGINEER

USB18-02-05-09 IDENTIFICATION CODE
09:H=3.10
TERMINAL MATERIAL AND PLATING
05:C2680 15U"
HOUSING MATERIAL AND COLOR
02:PBT WHITE
TYPE
18-AM SMT FALL

7

3	TERMINAL	4	BRASS T=0.25	AU
2	SHELL	1	SPCC T=0.30	NI
1	HOUSING	1	PBT UL94V-0	
ITEM	PART NAME	QTY	MATERIAL	PLATING

UNIT SHENZHEN UNIT ELECTRONICS CO., LTD
深圳市鸿宇特电子有限公司

NAME: USB AM SMT FALL
PBT WHITE 15U" H=3.10

DWG NO: DWG-F-410
P/R: USB18-02-05-09

PAGE: 1 OF 1

QUALITY SYMBOLS CRITICAL=Ⓢ MAJOR=Ⓢ	THIRD ANGLE PROJECTION	SCALE: 1:1	UNIT: mm	REV: A0	DATE: 2009-09-15
MATERIAL: SEE NOTE	LSB	CHECKED: WOODY	APPROVED: ZLY		