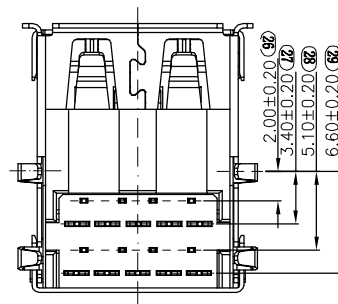
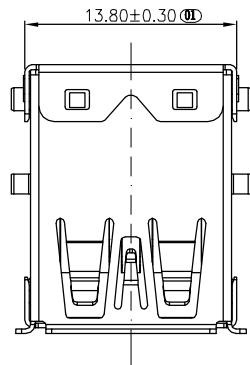
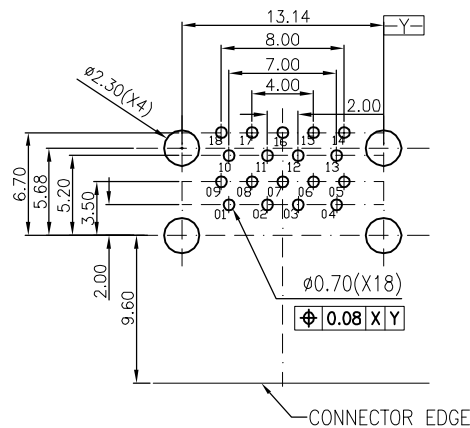




H186-AF2R05-X 3ELCH-2

Electroplating
1=10u"金/Tin
2=3u"金/Tin
3=5u"金/Tin
5=15u"金/Tin
6=30u"金/Tin



RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)

T=1.60±0.05mm, DEFAULT TOLERANCE: ±0.05

SPECIFICATIONS:

1.0 Electrical Performance:

1.1 Contact current Rating:

1.80 Amperes for VBUS and GND contacts
0.25 Amperes for all other contacts

1.2 Dielectric Withstanding Voltage: AC 100V/minute

1.3 Insulation resistance: 100M ohms Min

1.4 Contact Resistance:

30m ohm Max for VBUS and GND contacts
50m ohm Max for all other contacts

1.5 Voltage Rating : 30 Vac (rms)

2.0 Mechanical Performance:

2.1 Mating Force: 35N Max

2.2 Unmating Force: 10N Min; 8N Min After Durability.

2.3 Durability: 1500 cycles

3.0 Environmental Performance:

3.1 Temperature Range:

3.1.1 Operating Temperature: -25°C to +85°C

3.2 Salt Spray 12h Min

4.0 MATERIAL:

4.1 Housing & Cover: See table

4.2 Contact: 2.0 Contacts C5191

3.1 Contacts C2680

4.3 Shell: SUS430

5.0 PLATING:

5.1 Contact: Au Plated on contact area

Fog Tin 100u"Min Plated on solder area

Nickel 50u"Min underplating over all.

5.2 Shell: Nickel 30u"Min underplating over all.

6.0 "QIP" SHOWS QIP INSPECTION ITEMS.

7.0 100% RoHS without exemption

Pin Number	Signal Name
1/10	VBUS
2/11	D-
3/12	D+
4/13	GND
5/14	SSRX-
6/15	SSRX+
7/16	GND
8/17	SSTX-
9/18	SSTX+
Shell	Shield

HULYN

深圳惠興力电子有限公司
SHEN ZHEN HUILY ELECTRONICS CO., LTD.

FILE NO : H186 (Series)

TITLE
圖 名

USB 3.1 Gen2 AF 双层DIP90度B款
[有后盖脚长2.3,短侧弹,舌片R0.1]

UNIT
單位

mm
inch

TOLERANCE(公差):

0.000 mm ± 0.10 mm

0.00 mm ± 0.25 mm

0.0 mm ± 0.30 mm

PART NO.
料 號

H186-AF2R5-53ELDH-2

SCALE
比例

1 : 1

DRAWN BY
製 圖

Peng

DATE
日 期

2020-07-10

REV.
版本

A.0

CHECKED BY
審 核

Zhu

DATE
日 期

2020-07-10

Page: 1 of 1

6