


REV	ECN NO	OR	DESCRIPTION	REVISED	DATE
A			PDR RELEASE	IVY-C	2012.02.14
B			ECN NO: L130114	IVY-C	2013.08.28

**SPECIFICATIONS:**

- 1. ELECTRICAL CHARACTERISTICS:**
- 1-1. RATING: 1.8A(PIN1,4), OTHER CONTACTS 0.25A.
  - 1-2. CONTACT RESISTANCE: 30mΩ MAX.
  - 1-3. INSULATION RESISTANCE: 100MΩ MIN. @ 100V DC.
  - 1-4. DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE.
- 2. MECHANICAL CHARACTERISTICS:**
- 2-1. INSERTION FORCE: 35N MAX.
  - 2-2. WITHDRAWAL FORCE: 10N MIN; 5000 cycles 8N Min.
- 3. LIFE TEST: 5,000 CYCLES MIN.
  - 4. OPERATING TEMPERATURE: -25°C TO +85°C.
  - 5. OTHER GENERAL SPEC. TO REFER "ZUB1589 SERIES SPEC".
  - 6. TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  - 7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING: 
  - 8. PACKAGE: SEE "ZUB1589 SERIES" PACKAGE.
  - 9. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

**PART NO.**

ZUB1589-X00111F

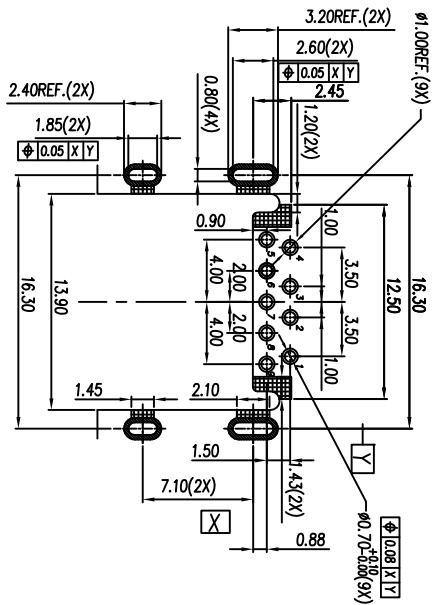
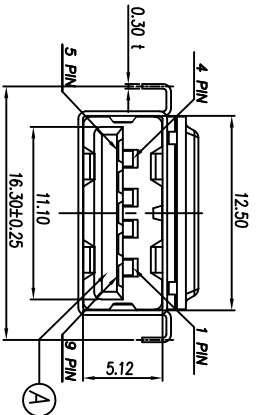
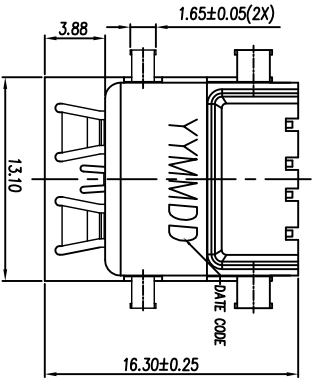
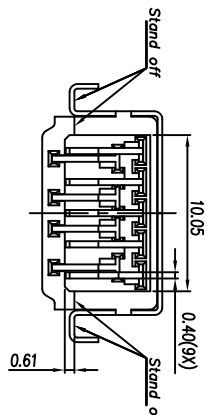
SHELL PLATING  
0: 60u" BLACK NICKEL  
1: 60u" SOLDER NICKEL

SUFFIX: HALOGEN FREE

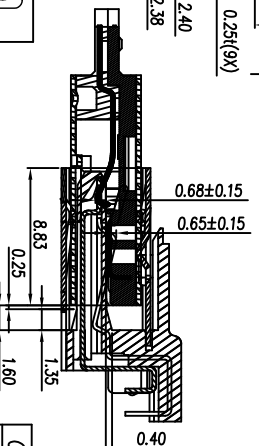
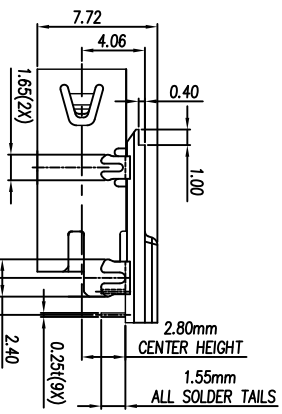
PACKAGE  
1: TAPE AND REEL

HOUSING COLOR  
1: BLUE(300C)

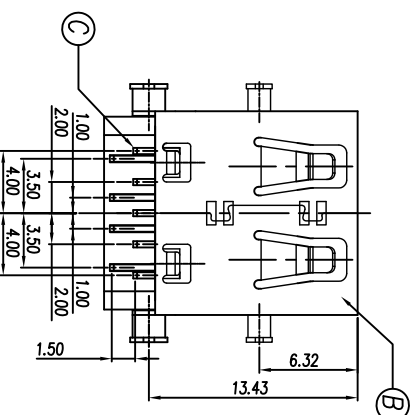
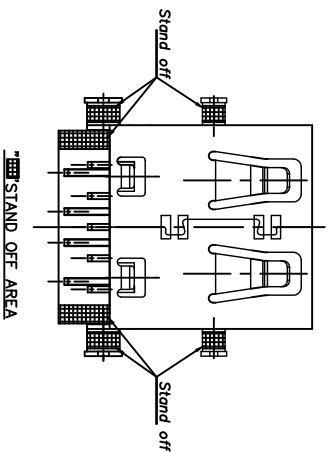
CONTACT PLATING  
1: GOLD 1u" PLATED ON CONTACT AREA,  
120u" MATTE TIN PLATING ON SOLDER AREA,  
50u" Ni UNDERPLATED OVERALL.



Recommended P.C.B Layout  
TOLERANCE: ±0.05 (TOP VIEW)  
STAND OFF AREA



MATTING



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
C	CONTACT	9	COPPER ALLOY	SEE PART NO.
B	SHELL	1	STAINLESS STEEL	SEE PART NO.
A	HOUSING	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLUE(300C)

UNLESS OTHERWISE SPECIFIED TOLERANCES

Singatron Enterprise Co., Ltd.  
信登企業股份有限公司

TITLE: USB3.0 A TYPE FEMALE REVERSE, R/A, SINKING, CH=28

DRAWN: IRY-C 2013.08.28 PART NO. ZUB1589-X00111F

CHKD: IRY-C 2013.08.28 SCALE: 3:1 UNIT: mm

APVD: IRY-C 2013.08.28 SIZE: A3 SHEET: 1 OF 1 REV: B

CUSTOMER COPY