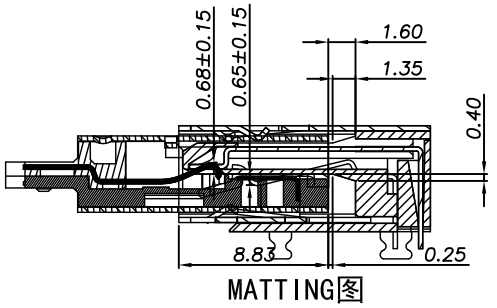
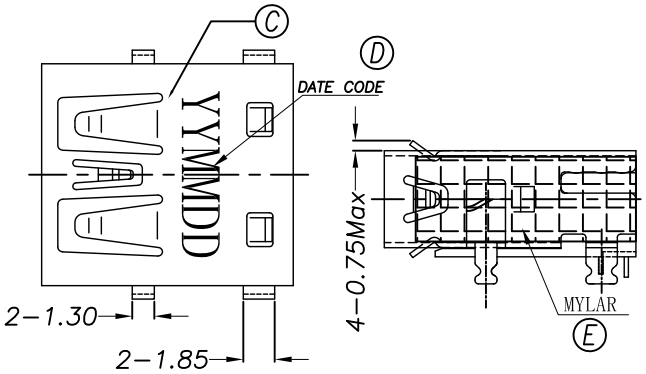
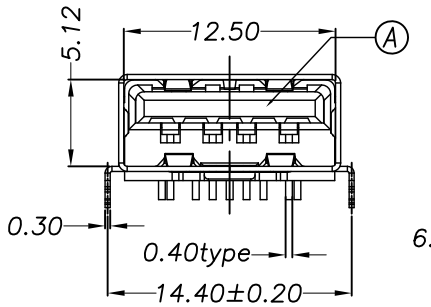
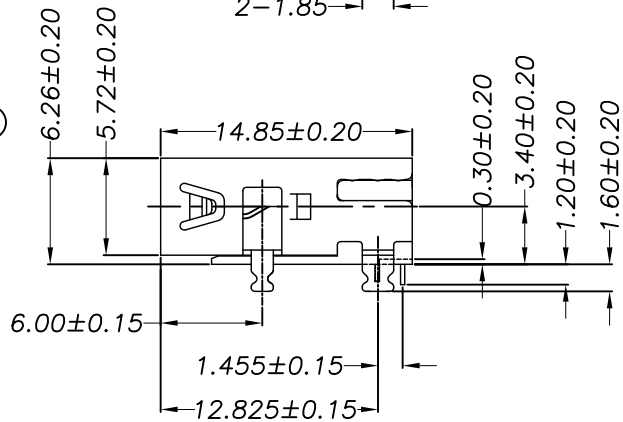
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	IVY-C	2014.12.10
B	ECN NO: L140171	IVY-C	2014.12.23

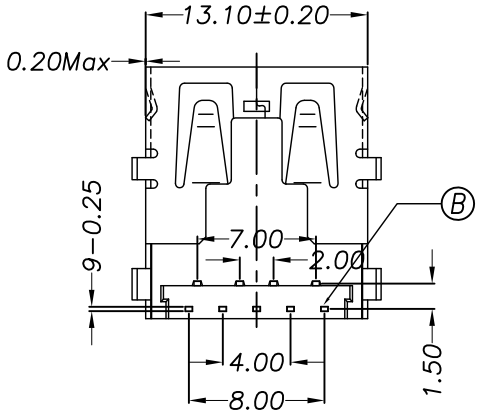


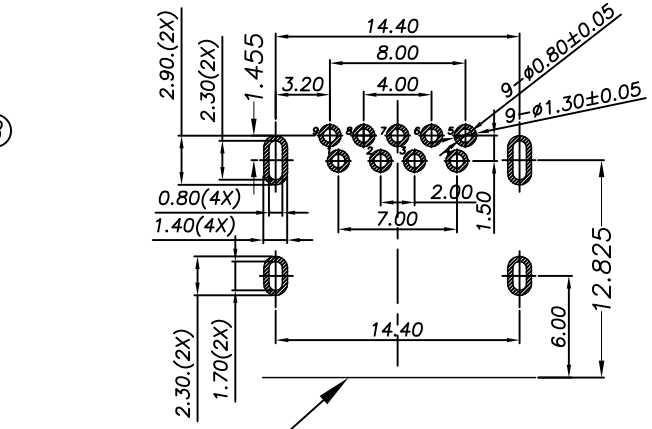
MATTING图







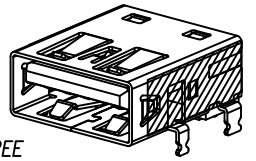




Recommended P.C.B Layout
TOLERANCE±0.05

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   - 1-1. CURRENT RATING: 1.8A (PIN1,4), THE OTHER CONTACTS 0.25A MIN.
   - 1-2. CONTACT RESISTANCE: 30mΩ(PIN1,4),OTHER CONTACTS 50mΩ
   - 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. FOR INITIAL, AND 8N MIN. AFTER TEST.
3. LIFE TEST: 5,000 CYCLES MIN.
4. OPERATING TEMPERATURE: -55°C TO +85°C.
5. OTHER GENERAL SPEC. TO REFER "2UB1593-100111F SPEC".
6. TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
8. PACKAGE: SEE "2UB1593 SERIES" PACKAGE.
9. FOR REFLOW SOLDERING LEAD-FREE PROCESS.



PART NO.
2UB1593-110111F

- SHELL PLATING
  1: BLACK NICKEL
- LEG LENGTH
  1: 1.2mm
- SUFFIX: HALOGEN FREE
- PACKAGE
  1: TAPE AND REEL
- HOUSING COLOR
  1: BLACK
- CONTACT PLATING
  1: GOLD 1u" Min. ON CONTACT AREA, MATTE TIN 80u" Min. ON SOLDER AREA, 50u" NICKEL UNDERPLATED OVERALL.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	Mylar	2	5.3x13mm A	YELLOW
D	INK			BLACK
C	SHELL	1	STAINLESS STEEL 0.3t	SEE PART NO.
B	CONTACT	9	PHOSPHOR BRONZE 0.25t	SEE PART NO.
A	HOUSING	1	PA9T UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:
X :±0.5 X :±2°
X.X :±0.3 X.X :±1°
X.XX :±0.2

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE	USB 3.0 A TYPE FEMALE, R/A, DIP TYPE, CH=3.40		
DWN	IVY-C 2014.12.23	PART NO. 2UB1593-110111F	
CHKD	ANGELA2014.12.23	SCALE 1:1	UNIT: mm
APVD	ANGELA2014.12.23	SIZE: A3	SHEET:1 OF 1 REV: B

CUSTOMER COPY

文件編號 RD-06-043-A