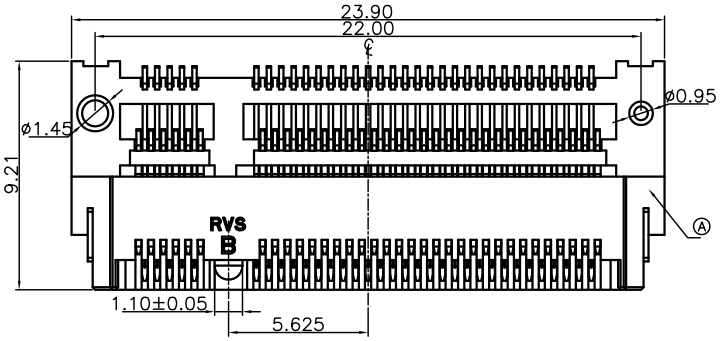
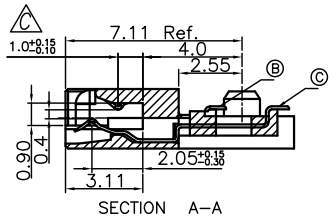
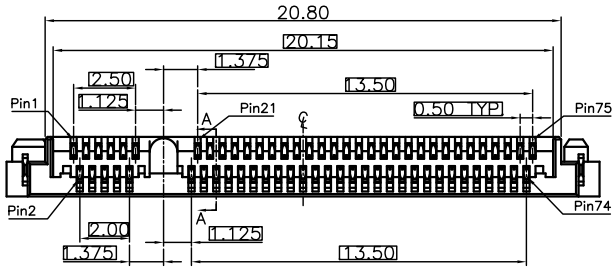
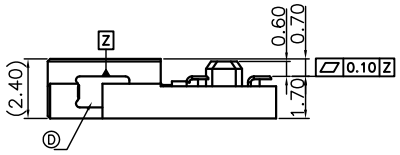
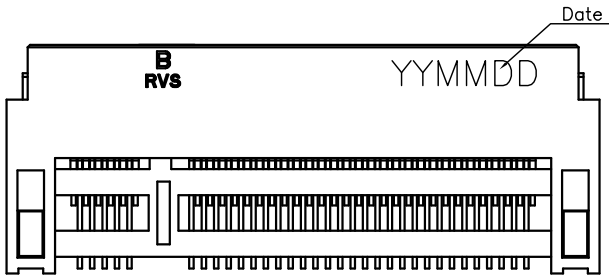
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T131028-12A	Even	2013.12.06
B	ECN NO:L140005	IVY-C	2014.01.07
C	ECN NO:L140071	IVY-C	2014.07.02



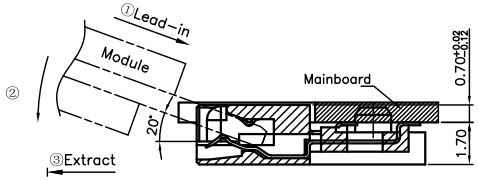








YY MM DD
- Day
- Month
- Year



How to mate and unmate
Mate: ①–②
Unmate: ③

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   - 1–1. CURRENT RATING: 0.5A(Per pin).
   - 1–2. VOLTAGE RATING: 50V AC(Per pin).
   - 1–3. LLCR: 55mΩ Max,(Initial), 20mΩ Max. change allowed(Final)
   - 1–4. INSULATION RESISTANCE: 500MΩ MIN. @ 500V DC.
   - 1–5. DIELECTRIC WITHSTANDING VOLTAGE: 300V AC FOR 1 MINUTE.
2. MECHANICAL CHARACTERISTICS:
   - 2–1. INSERTION FORCE: 20N MAX.
   - 2–2. WITHDRAWAL FORCE: 20N MAX.
3. LIFE TEST: 60 CYCLES.
4. OTHER GENERAL SPEC. TO REFER "2NF3006 SERIES SPEC".
5. TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
7. PACKAGE: SEE "2NF3006 SERIES" PACKAGE.
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

PART NO.

2NF3006-000111F

- SUFFIX: HALOGEN FREE
- PACKAGE
  1: TAPE AND REEL
- HOUSING COLOR
  1: BLACK
- CONTACT PLATING
  1: GOLD FLASH ON CONTACT AREA, GOLD FLASH ON SOLDER AREA NICKEL UNDERPLATED OVERALL.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	INK			BLACK
D	LEG	2	BRASS	G/F at solder area, all over nickel
C	Upper CONTACT	33	COPPER ALLOY	SEE PART NO.
B	Lower CONTACT	34	COPPER ALLOY	SEE PART NO.
A	HOUSING	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: X :±0.5, X.X :±0.3, X.XX :±0.2

ANGLES: X :±2°, X.X :±1°

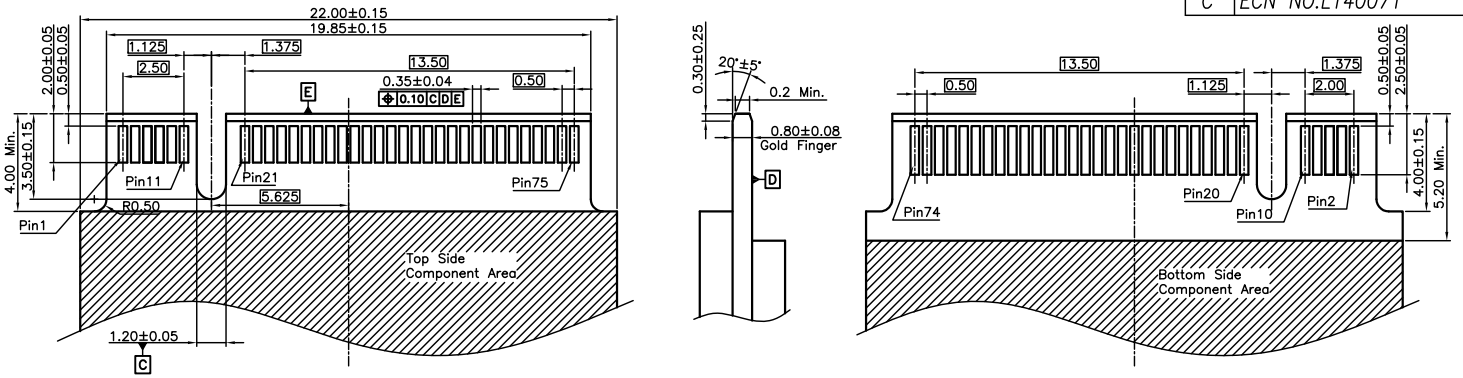
Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE	NGFF Socket(M.2 Connector)Mid-plane,1.8H,RVS B Key		
DWN	IVY-C 2014.07.02	PART NO. 2NF3006-000111F	
CHKD		SCALE 1:1	UNIT: mm
APVD	ANGELA2014.07.02	SIZE: A3	SHEET:1 OF 2 REV: C

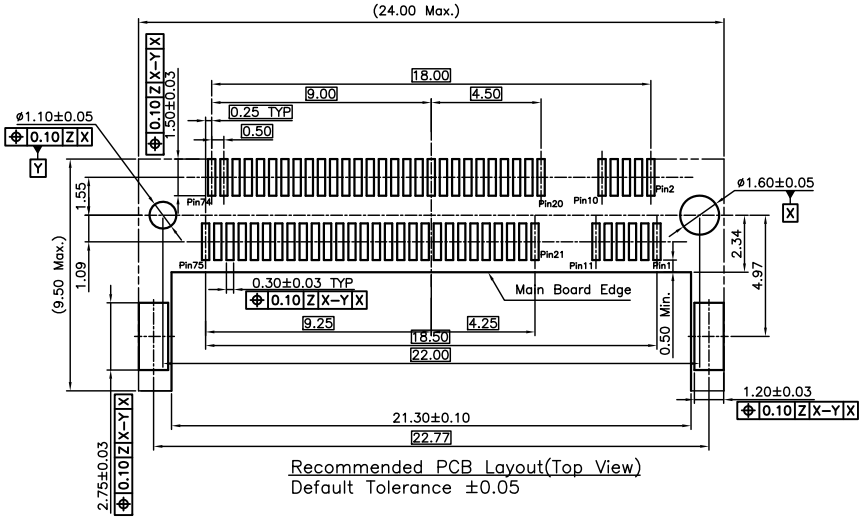
CUSTOMER COPY

文件編號 RD-06-043-A

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T131028-12A	Even	2013.12.06
B	ECN NO:L140005	IVY-C	2014.01.07
C	ECN NO:L140071	IVY-C	2014.07.02



Recommended Mould Finger Layout



Recommended PCB Layout(Top View)
Default Tolerance ±0.05

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES		Singatron Enterprise Co., Ltd. 信音企業股份有限公司		
DECIMALS: X :±0.5 X.X :±0.3 X.XX :±0.2	ANGLES: X :±2° X.X :±1°	TITLE	NGFF Socket(M.2 Connector)Mid-plane,1.8H,RVS B Key	
		DWN	IVY-C 2014.07.02	PART NO. 2NF3006-000111F
		CHKD		SCALE 1:1 UNIT: mm
		APVD	ANGELA2014.07.02	SIZE: A3 SHEET:2 OF 2 REV: C
CUSTOMER COPY				

文件編號 RD-06-043-A