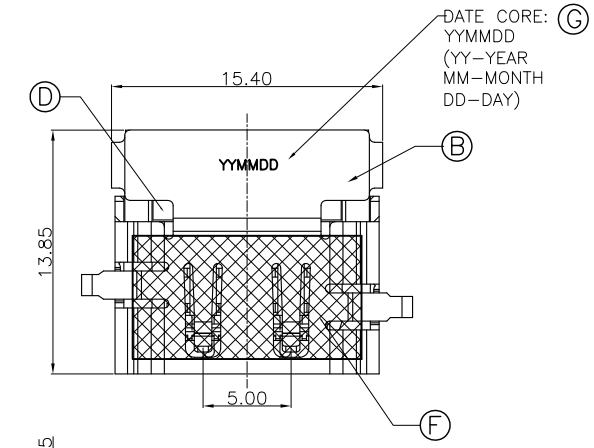
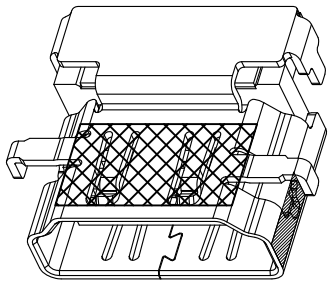
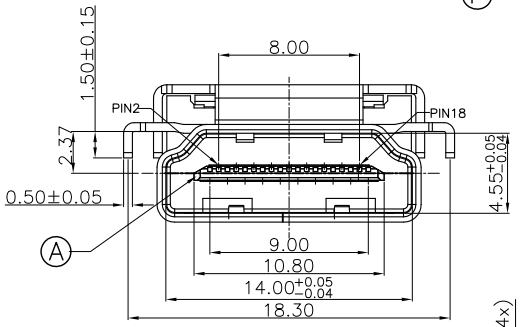
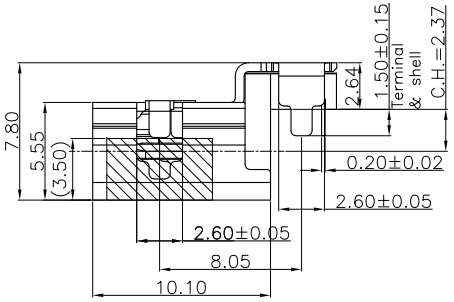
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	IVY-C	2012.12.03

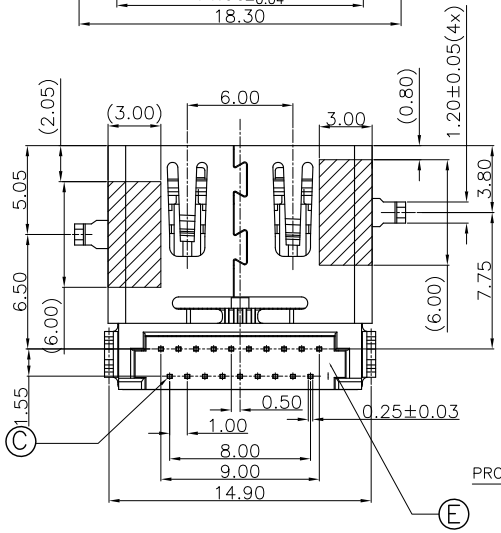


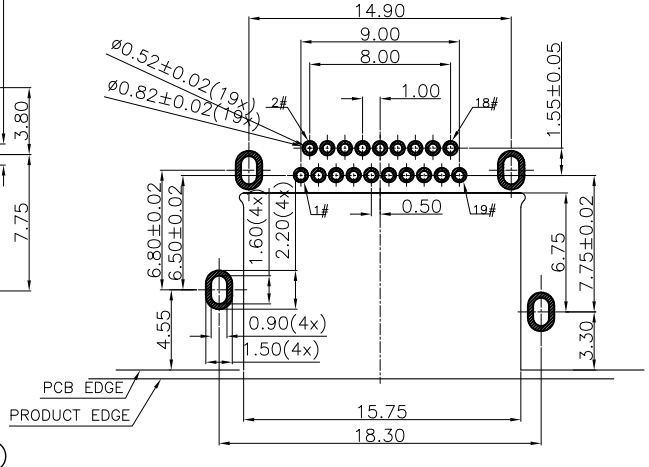


3D VIEW









RECOMMENDED PCB LAYOUT(TOP VIEW)
(THICKNESS=1.2±0.10mm)
(TOLERANCE=±0.05mm)

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   - 1-1. CURRENT RATING: 0.5 AMP.
   - 1-2. VOLTAGE RATING: 40V.
   - 1-3. INITIAL CONTACT RESISTANCE EXCLUDING CONDUCTOR RESISTANCE: 10mΩ MAX (TARGET DESIGN VALUE). AFTER TEST: △30mΩ MAX.
   - 1-4. INSULATION RESISTANCE: 100MΩ MIN. @ 500V DC.
   - 1-5. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE.
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE: 4.5Kgf MAX.
   - 2-2. WITHDRAWAL FORCE: 1.0~4.0Kgf.
3. LIFE TEST: 10,000 CYCLES.
4. OTHER GENERAL SPEC. TO REFER "HDMI SERIES SPEC".
5. TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
7. PACKAGE: SEE "2HE1655 SERIES" PACKAGE.
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

PART NO.

2HE1655-000111F

- 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.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	INK	-		BLACK
F	MYLAR	3	KAPTON FILM	YELLOW
E	BOTTOM COVER	1	HIGH TEMP. THERMO-PLASTIC UL 94V-0	BLACK
D	TOP COVER	1	HIGH TEMP. THERMO-PLASTIC UL 94V-0	BLACK
C	CONTACT	19	COPPER ALLOY	SEE PART NO.
B	SHELL	1	STAINLESS STEEL	NICKEL PLATED
A	HOUSING	1	HIGH TEMP. THERMO-PLASTIC 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	HDMI A TYPE FEMALE, REVERSE, SINKING, C.H=2.37mm		
DWN	IVY-C 2012.12.03	PART NO. 2HE1655-000111F	
CHKD	DAVID-T 2012.12.03	SCALE3.3:1	UNIT: mm
APVD	DAVID-T 2012.12.03	SIZE: A3	SHEET:1 OF 1 REV: A

CUSTOMER COPY

文件編號: RD-06-043-A