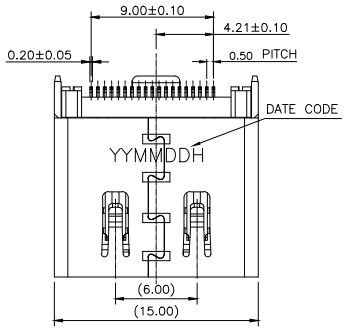
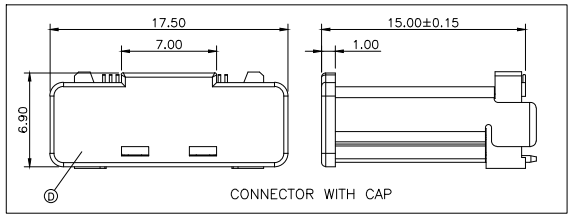
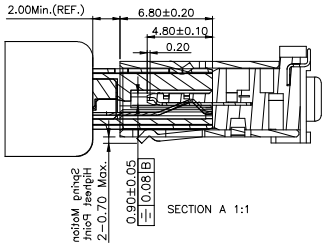
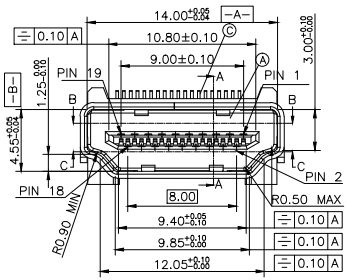
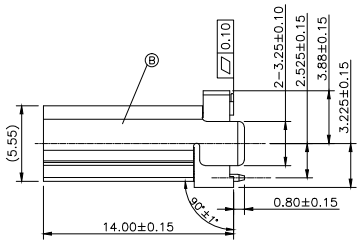
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	EVEN	2024.01.25









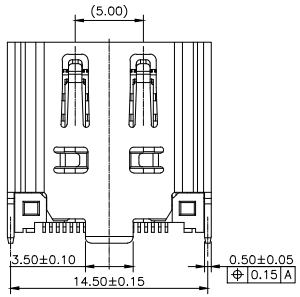


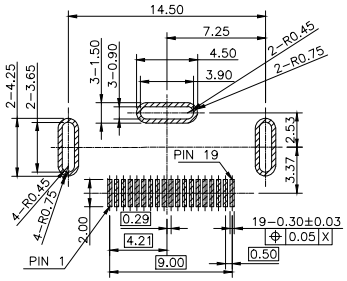
SPECIFICATIONS: (HDMI A TYPE)

1. ELECTRICAL CHARACTERISTICS:
   1-1. CURRENT RATING: 0.5 AMP.
   1-2. VOLTAGE RATING: 40V.
   1-3. INITIAL CONTACT RESISTANCEEXCLUDING 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 "2HE1823-010211F" PACKAGE.
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

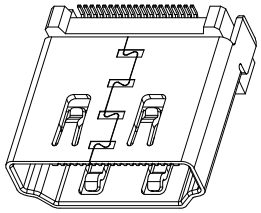
PART NO.
2HE1823-010211F

- SUFFIX: HALOGEN FREE
- PACKAGE
  1: TAPE AND REEL
- HOUSING COLOR
  1: BLACK
- CONTACT PLATING
  2: GOLD 15u" ON CONTACT AREA, MATTE TIN 75u"MIN. ON SOLDER AREA. 50u" MIN. NI UNDER PLATING OVERALL

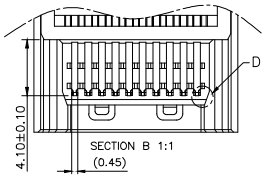


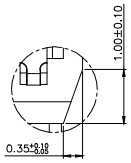


RECOMMENDED PCB LAYOUT(TOP VIEW)
(DEFAULT DIMENSION TOL=1.20±0.05mm)
(TOLERANCE=±0.05mm)

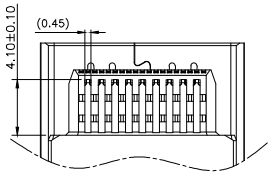


3D VIEW





DETAIL D 4:1



SECTION C 1:1

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
D	CAP	1	LCP UL 94V-0	BLACK
C	CONTACT	19	C2680-H	SEE PART NO.
B	SHELL	1	SUS304	50u" MIN. NICKEL
A	HOUSING	1	LCP 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°

信音科技(香港)有限公司

TITLE	HDMI TYPE A FEMALE SMT TYPE(HDMI 2.1)		
DWN	EVEN 2024.01.25	PART NO. 2HE1823-010211F	
CHKD		SCALE1:1	UNIT: mm
APVD	TERESA2024.01.25	SIZE: A3	SHEET:1 OF 1 REV:A

CUSTOMER COPY

文件編號 7F-02-R013-A