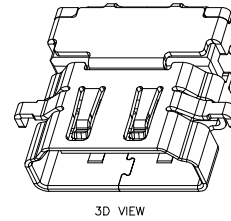
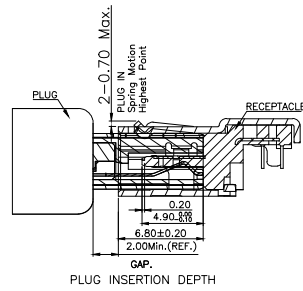
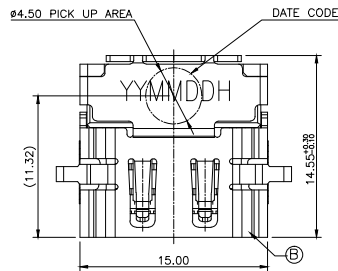


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	EVEN	2023.10.25



**SPECIFICATIONS: (HDMI A TYPE)**

**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: Δ 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.**

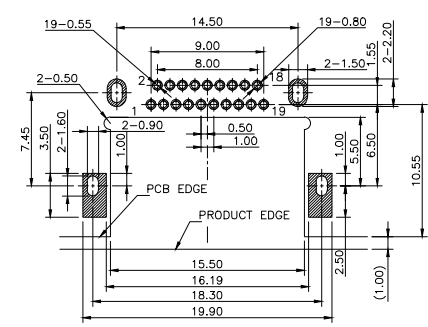
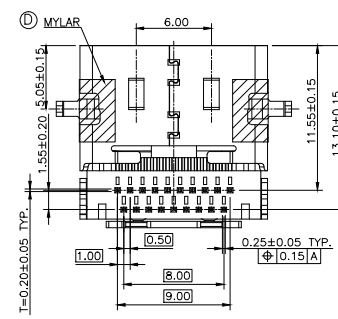
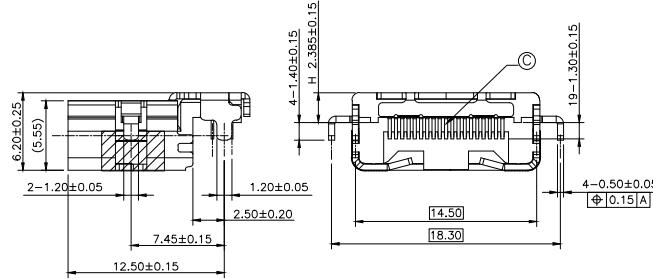
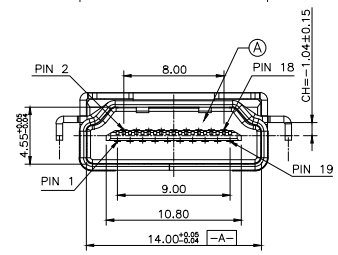
**4. OTHER GENERAL SPEC. TO REFER "2HE1783-302211F SPEC".**

**5. TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.**

**6. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:**

**7. PACKAGE: SEE "2HE1783-302211F" PACKAGE.**

**8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.**



**RECOMMENDED PCB LAYOUT(TOP VIEW)**  
(DEFAULT DIMENSION TOL=±0.05mm)  
(THICKNESS=1.0±0.10mm)  
\*STAND-OFF AREA

**PART NO. 2HE1783-302211F**

- SUFFIX: HALOGEN FREE
- PACKAGE 1: TAPE AND REEL
- HOUSING COLOR 1: BLACK
- CONTACT PLATING 2: GOLD 5u" ON CONTACT AREA, 60u~150u" MATTE TIN ON SOLDER AREA 50u" NICKEL UNDERPLATE OVER ALL.

**HDMI TYPE A PIN ASSIGNMENT**

PIN	Signal Assignment
1	TMDS Data2+
2	TMDS Data2 Shield
3	TMDS Data2-
4	TMDS Data1+
5	TMDS Data1 Shield
6	TMDS Data1-
7	TMDS Data0+
8	TMDS Data0 Shield
9	TMDS Data0-
10	TMDS Data3+
11	TMDS Data3 Shield
12	TMDS Data3-
13	CEC
14	Utility
15	SCL
16	SDA
17	DDC/CEC Ground
18	+5V Power
19	Hot Plug Detect

D	MYLAR	2		YELLOW
C	CONTACT	19	C2680	SEE PART NO.
B	SHELL	1	SUS304	BLACK NICKEL 50u" MIN.
A	HOUSING	1	LCP UL 94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

信音科技(香港)有限公司

DECIMALS: ANGLES: TITLE HDMI A TYPE FEMALE, REVERSE, SINKING, C.H=-1.04mm(HDMI 2.1)

DWN EVEN 2023.10.25 PART NO. 2HE1783-302211F

CHKD SDA SCALE 3.7:1 UNIT: mm

APVD TERCO2023.10.25 SIZE: A3 SHEET: 1 OF 1 REV:A

**CUSTOMER COPY**