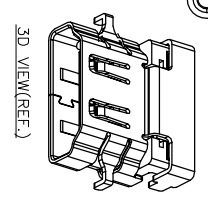
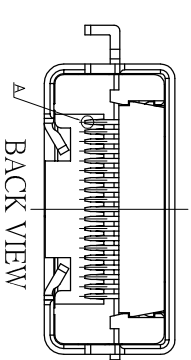
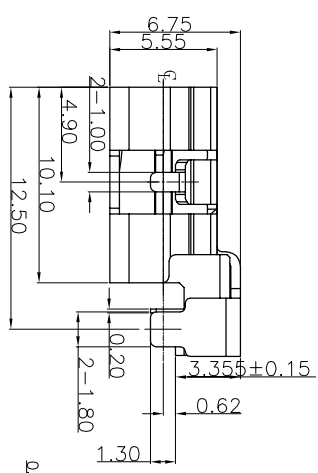
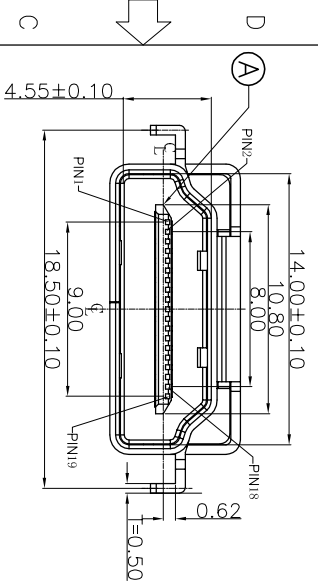


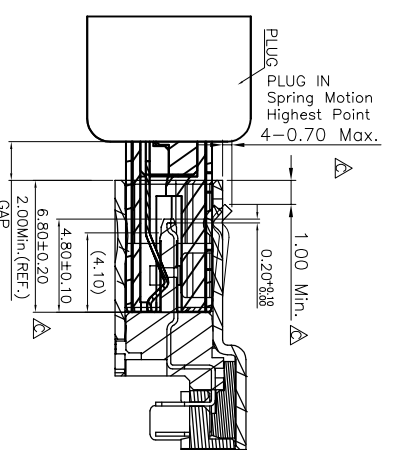
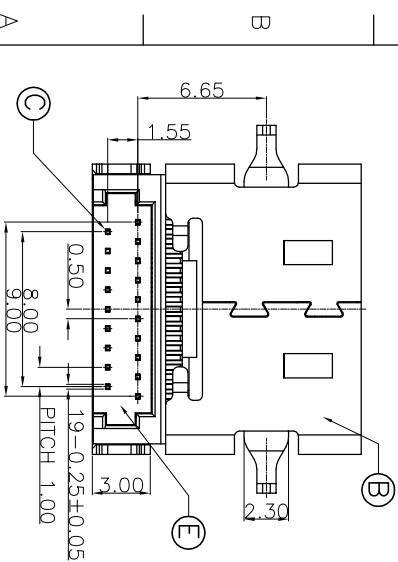
**RECOMMENDED PCB LAYOUT(TOP VIEW)**  
 (THICKNESS=1.2±0.10mm)  
 (TOLERANCE=±0.05mm)

- SPECIFICATIONS:**
- ELECTRICAL CHARACTERISTICS:
    - CURRENT RATING: 0.5 AMP.
    - VOLTAGE RATING: 40V.
    - INITIAL CONTACT RESISTANCE EXCLUDING CONDUCTOR RESISTANCE: 10mΩ MAX. (TARGET DESIGN VALUE). AFTER TEST:  $\Delta$  30mΩ MAX.
    - INSULATION RESISTANCE: 100MΩ MIN. @ 500V DC.
    - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE.
  - MECHANICAL CHARACTERISTICS:
    - INSERTION FORCE: 4.5Kgf MAX.
    - WITHDRAWAL FORCE: 1.0~4.0Kgf.
  - LIFE TEST: 10,000 CYCLES.
  - OTHER GENERAL SPEC. TO REFER "HDM SERIES SPEC."
  - TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  - HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING.
  - PACKAGE: SEE "2HE1619-011111F" PACKAGE.
  - FOR REFLOW SOLDERING LEAD-FREE PROCESS.



**PART NO.**  
**2HE1619-011111F**

SUFFIX: HALOGEN FREE  
 PACKAGE  
 1: TAPE AND REEL  
 HOUSING COLOR  
 1: BLACK  
 CONTACT PLATING  
 1: GOLD FLASH OVER ALL



detail A  
 scale 4:1

REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE		Even	2013.05.24
B	ECN NO.: S180929-C		QIZHEN	2018.09.27
C	ECN NO.: L190014		Even	2019.04.11
D	ECN NO.: L201911-C01		IV-C	2020.01.21

F	INK		BLACK
E	BOTTOM COVER	1	HIGH TEMP. THERMOPLASTIC UL 94V-0 BLACK
D	TOP COVER	1	HIGH TEMP. THERMOPLASTIC UL 94V-0 BLACK
C	CONTACT	19	COPPER ALLOY SEE PART NO.
B	SHELL	1	COPPER ALLOY NICKEL
A	HOUSING	1	HIGH TEMP. THERMOPLASTIC UL 94V-0 BLACK
NO	DESCRIPTION	QTY	MATERIAL
UNLESS OTHERWISE SPECIFIED TOLERANCES			
Singatron Enterprise Co., Ltd. 信音企業股份有限公司			
DECIMALS:		ANGLES:	
X	:±0.5	X	:±2°
X.X	:±0.3	X.X	:±1°
X.XX	:±0.2		
TITLE		HDM A TYPE FEMALE, REVERSE, SINKING, C/H=0.62mm	
DRAW	IN-C-2020.01.21	PART NO.	2HE1619-011111F
CHKD	IN-C-2020.01.21	SCALE	1:1
UNIT:	mm		
APVD	IN-C-2020.01.21	SIZE:	A3
SHEET:	1 OF 1	REV:	D
<b>CUSTOMER COPY</b>			