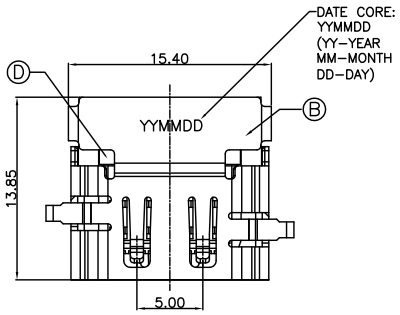
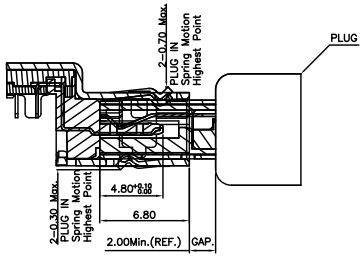
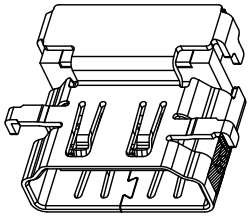
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	Even	2020.07.21





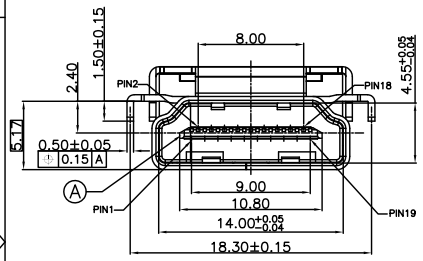
PLUG INSERTION DEPTH

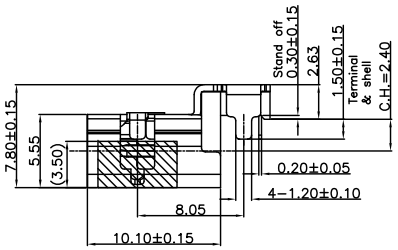


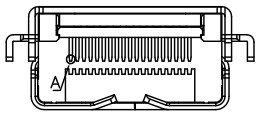
3D VIEW

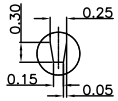
SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   1-1. CURRENT RATING: 0.5 AMP.
   1-2. VOLTAGE RATING: 40V.
   1-3. CONTACT RESISTANCE: 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 "2HE1655-300111F" PACKAGE.
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.





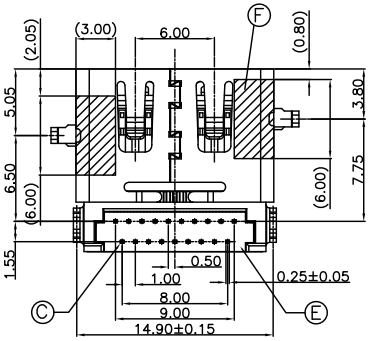


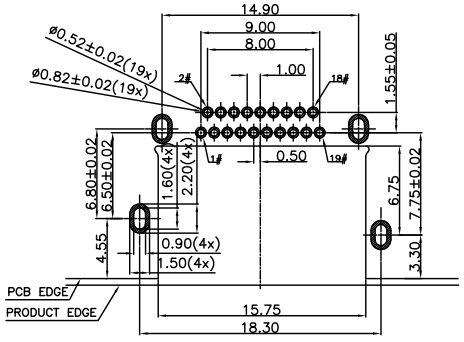


DETAIL A
SCALE 5:1

PART NO. 2HE1655-300111F

- CENTER HEIGHT
  3: C.H=2.4mm
- CONTACT & SHELL TALL LENGTH
  0: 1.50 mm
- 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.
  ALL OVER NI 50u" MIN





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

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	MYLAR	2	KAPTON FILM	YELLOW
E	BOTTOM COVER	1	LCP UL 94V-0	BLACK
D	TOP COVER	1	LCP UL 94V-0	BLACK
C	CONTACT	19	C2680R-H 0.2t	SEE PART NO.
B	SHELL	1	SUS 304 0.5t	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°

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

TITLE	HDMI A TYPE FEMALE, REVERSE, SINKING, C.H=2.4mm		
DWN	EVEN 2020.07.21	PART NO. 2HE1655-300111F	
CHKD		SCALE3.3:1	UNIT: mm
APVD	ANGELA2020.07.21	SIZE: A3	SHEET:1 OF 1 REV:A

CUSTOMER COPY

文件編號: RD-06-043-A