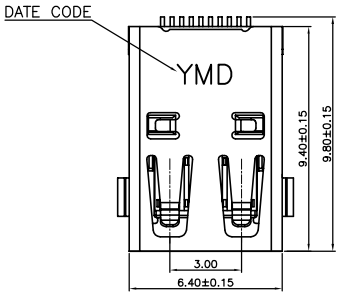
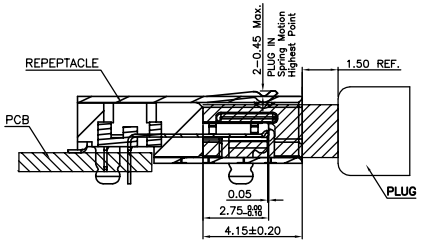
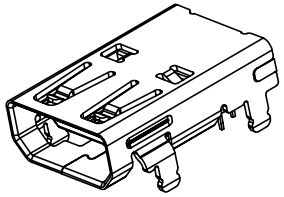
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	EVEN	2019.11.27
B	ECN NO: L202005-C04	IVY-C	2020.06.23

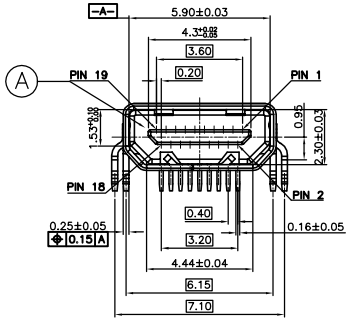


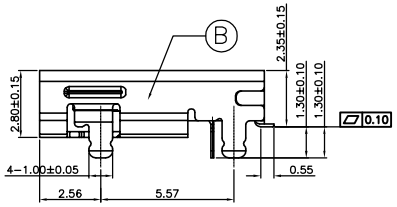


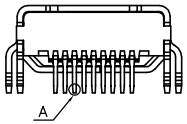
PULG INSERTION DEPTH

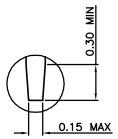


3D VIEW

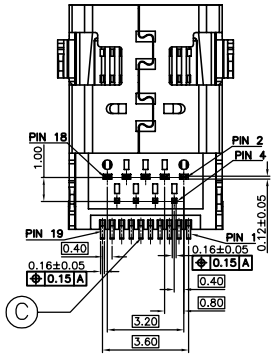


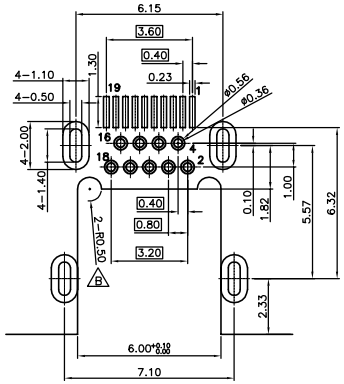






ENLARGED VIEW A
5:1





RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS=1.0mm
TOLERANCE UNSPECIFIED=±0.05mm)

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   - 1-1. CURRENT RATING: 0.3 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: 250V AC FOR 1 MINUTE.
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE: 4.5Kgf MAX.
   - 2-2. WITHDRAWAL FORCE: 0.5~2.5Kgf.
3. LIFE TEST: 5,000 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 "2HE1742-000211F" PACKAGE.
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

PART NO.
2HE1742-000211F

- SUFFIX: HALOGEN FREE
- PACKAGE
  1: TAPE & REEL
- HOUSING COLOR
  1: BLACK
- CONTACT PLATING
  2: 30u"GOLD PLATED ON CONTACT AREA
  GOLD FLASH ON SOLDER TAILS
  50u" MIN. NICKEL UNDERPLATE OVER ALL.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
C	CONTACT	19	C5191R-H 0.12t	SEE PART NO.
B	SHELL	1	SUS304-1/2H 0.25t	50u" MIN.NICKEL
A	HOUSING	1	LCP E130i GF UL94V-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 TYPE D FEMALE		
DWN	IVY-C 2020.06.23	PART NO. 2HE1742-000211F	
CHKD	ANGELA2020.06.23	SCALE N/A	UNIT: mm
APVD	ANGELA2020.06.23	SIZE: A3	SHEET:1 OF 1 REV: B

CUSTOMER COPY

文件編號 RD-06-043-A