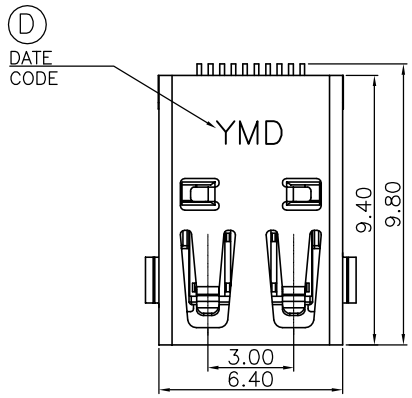
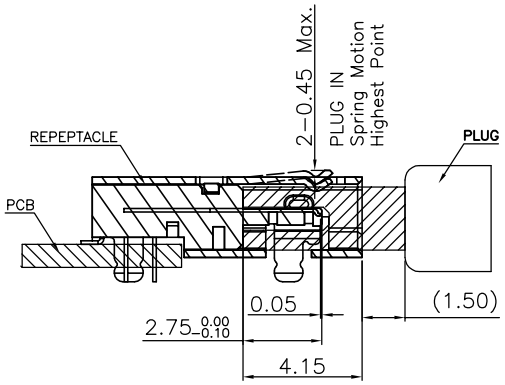
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	IVY-C	2014.11.26

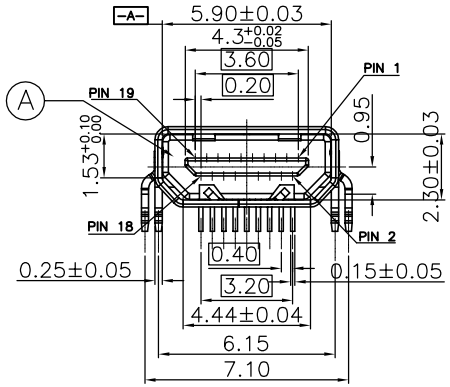


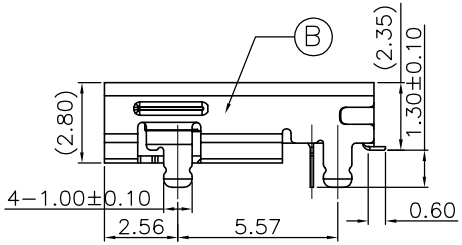


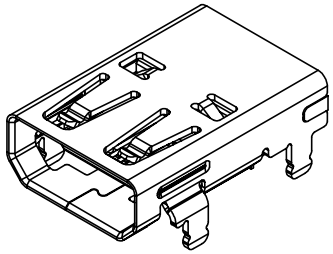
PULG INSERTION DEPTH

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 SERIES" PACKAGE.
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.





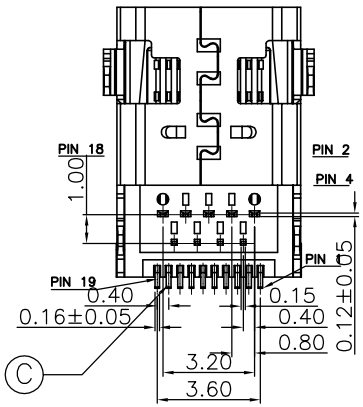


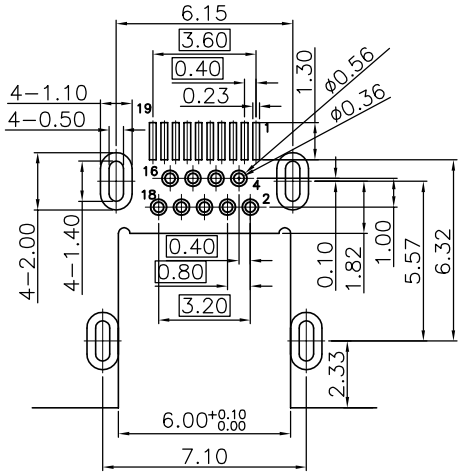
3D VIEW

PART NO.

2HE1742-000111F

- SUFFIX: HALOGEN FREE
- PACKAGE
  1: TAPE & REEL
- HOUSING COLOR
  1: BLACK
- CONTACT PLATING
  1: GOLD FLASH PLATED ON CONTACT AREA
  GOLD FLASH ON SOLDER TAILS





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

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
D	INK			BLACK
C	CONTACT	19	C5191R-H 0.12t	SEE PART NO.
B	SHELL	1	SUS304-1/2H 0.25t	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 2014.11.26	PART NO. 2HE1742-000111F	
CHKD	ANGELA2014.11.26	SCALE N/A	UNIT: mm
APVD	ANGELA2014.11.26	SIZE: A3	SHEET:1 OF 1 REV: A

CUSTOMER COPY

文件編號 RD-06-043-A