

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	IVY-C	2015.05.27

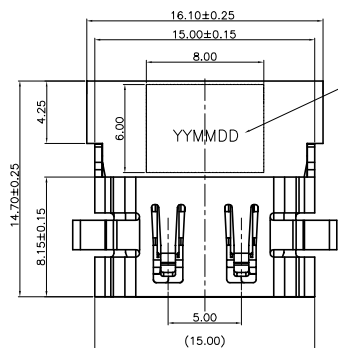
SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
  - CURRENT RATING: 0.5 AMP.
  - VOLTAGE RATING: 40V.
  - INITIAL CONTACT RESISTANCE EXCLUDING CONDUCTOR RESISTANCE: 10mΩ MAX (TARGET DESIGN VALUE). AFTER TEST: Δ30mΩ 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 "HDMI SERIES SPEC".
- TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
- PACKAGE: SEE "2HE1748 SERIES" PACKAGE.
- FOR REFLOW SOLDERING LEAD-FREE PROCESS.

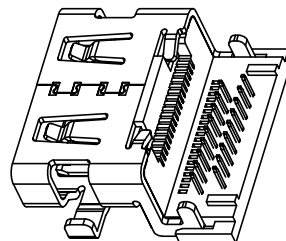
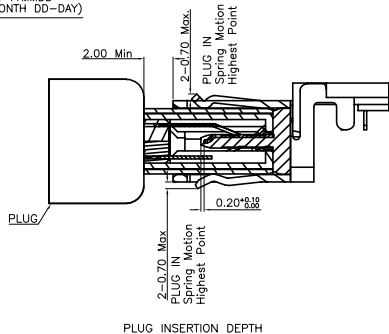


PART NO.  
**2HE1748-000X11F**

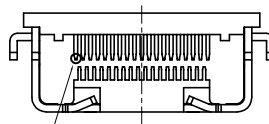
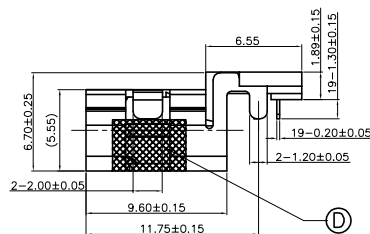
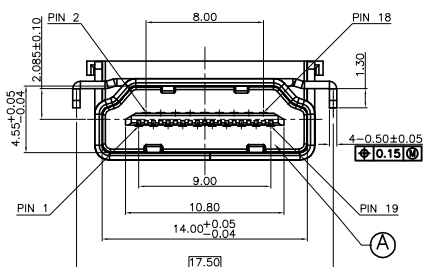
- SUFFIX: HALOGEN FREE
- PACKAGE: 1: TAPE AND REEL
- HOUSING COLOR: 1: BLACK
- CONTACT PLATING:
  - GOLD FLASH ON CONTACT AREA, GOLD FLASH ON SOLDER AREA.
  - 30u" GOLD ON CONTACT AREA, GOLD FLASH ON SOLDER AREA.



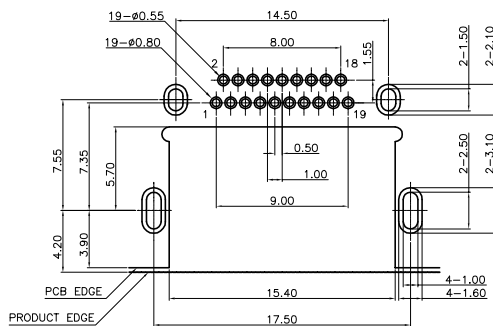
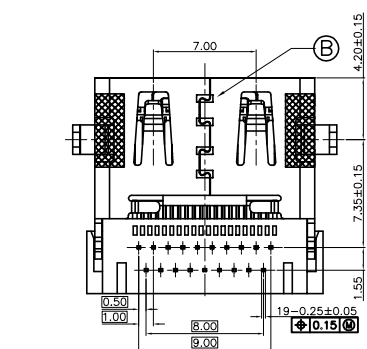
Ⓔ DATE CORE: YYMMDD  
(YY-YEAR MM-MONTH DD-DAY)



3D VIEW



DETAIL A  
SCALE 5:1



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

E	INK	-		BLACK
D	MYLAR	2		YELLOW
C	CONTACT	19	COPPER ALLOY	SEE PART NO.
B	SHELL	1	STAINLESS STEEL	NICKEL PLATED
A	HOUSING	1	LCP UL 94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

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

DECIMALS:	ANGLES:	TITLE	HDMI A TYPE FEMALE, REVERSE, SINKING, C.H=-2.085mm	
X : ±0.5	X : ±2°	DWN	IVY-C 2015.05.27	PART NO. 2HE1748-000X11F
XX : ±0.3	XX : ±1°	CHKD	ANGELAZ2015.05.27	SCALE:3.3:1 UNIT: mm
XX.XX : ±0.2		APVD	ANGELAZ2015.05.27	SIZE: A3 SHEET:1 OF 1 REV: A

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