

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:T141117-9A/9B	Anne	2015.01.14
B	ECN NO:S170546-C	YUREN	2017.8.11

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 "2HE1638 SERIES" PACKAGE.

8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

9. ⊗ REPRESENT CRITICAL DIMENSIONS.

PART NO.

2HE1638-041X11F

SUFFIX: HALOGEN FREE

PACKAGE

1: TAPE AND REEL

HOUSING COLOR

1: BLACK

CONTACT PLATING

2: GOLD FLASH PLATING ON CONTACT AREA,

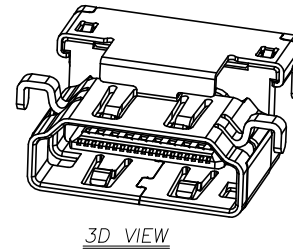
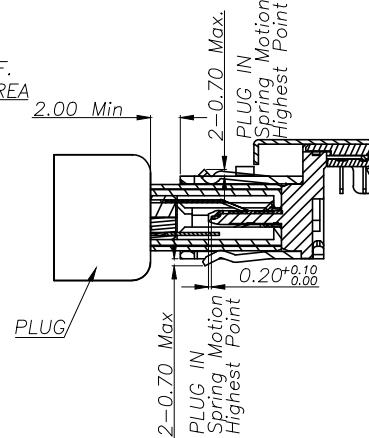
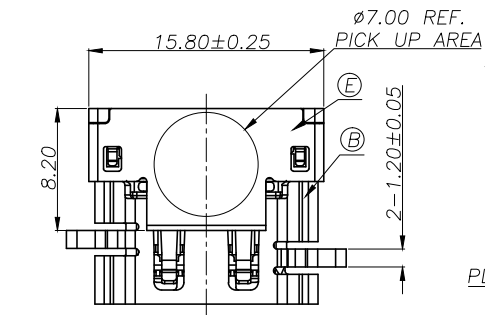
GOLD FLASH ON SOLDER AREA

3: 30u" GOLD PLATING ON CONTACT AREA,

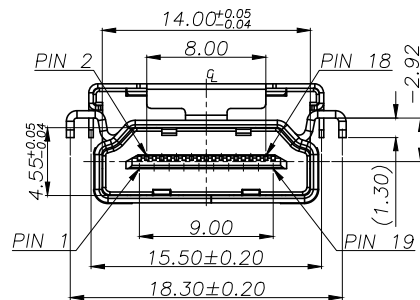
GOLD FLASH ON SOLDER AREA

H	INK	-	BLACK
G	BOTTOM COVER	1	LCP UL 94V-0
F	TOP COVER	1	LCP UL 94V-0
E	REAR SHELL	1	STAINLESS STEEL
D	MYLAR	2	KAPTON FILM
C	CONTACT	19	BRASS
B	FRONT SHELL	1	STAINLESS STEEL
A	HOUSING	1	LCP UL 94V-0

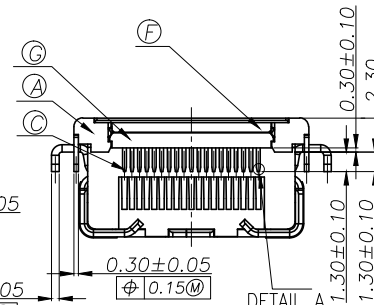
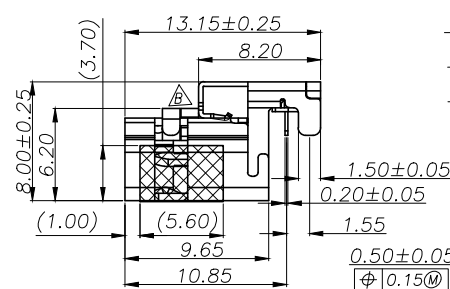
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES		 Singatron Enterprise Co., Ltd. 信音企業股份有限公司		
DECIMALS:	ANGLES:	TITLE	HDMI A TYPE FEMALE, REVERSE, DIP, CH=-2.92	
X :±0.5	X :±2°	DWN	YUREN	PART NO. 2HE1638-041X11F
X.X :±0.3	X.X :±1°	CHKD	CERRY	SCALE 3:1 UNIT: mm
X.XX :±0.2		APVD	LIAO	SIZE: A3 SHEET:1 OF 1 REV:B
CUSTOMER COPY				



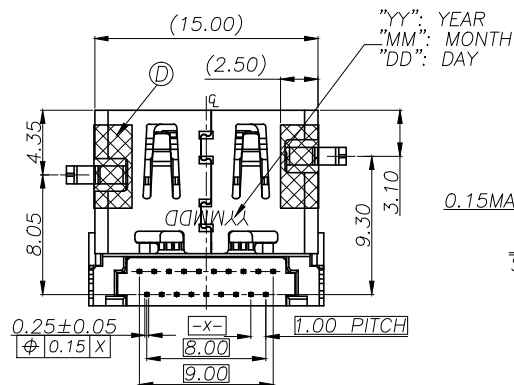
3D VIEW



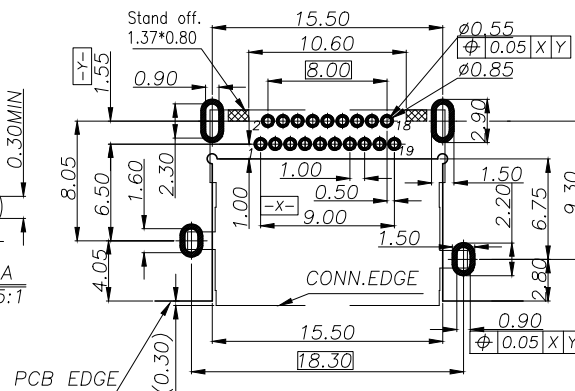
PLUG INSERTION DEPTH



DETAIL A



DETAIL A
SCALE 5:1



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