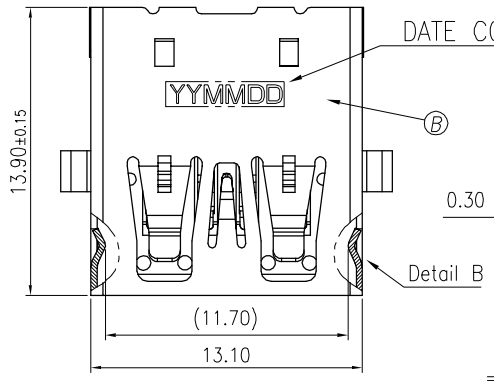
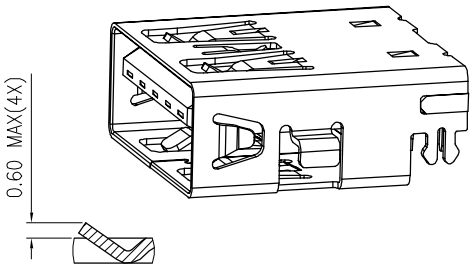
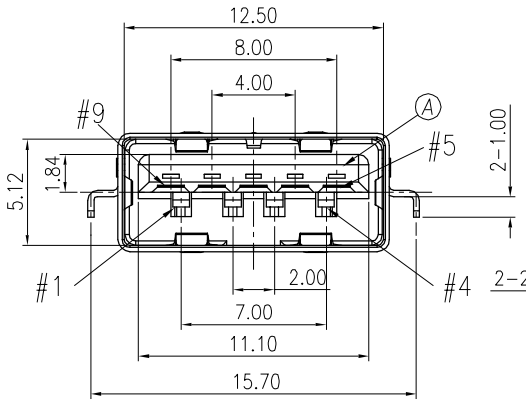
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.S160804-2A	Eileen	2016.09.22

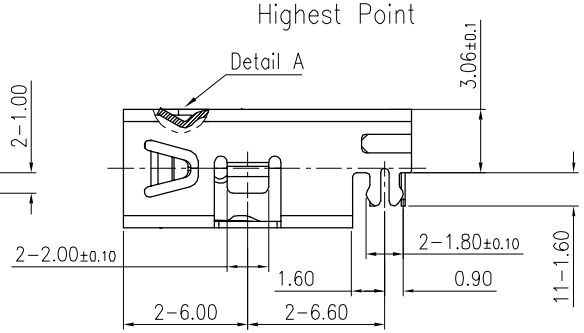


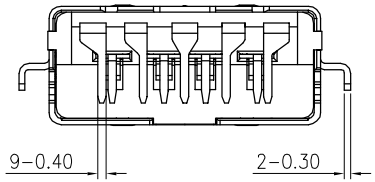


Detail B
PLUG In

Detail A
Spring Motion
Highest Point



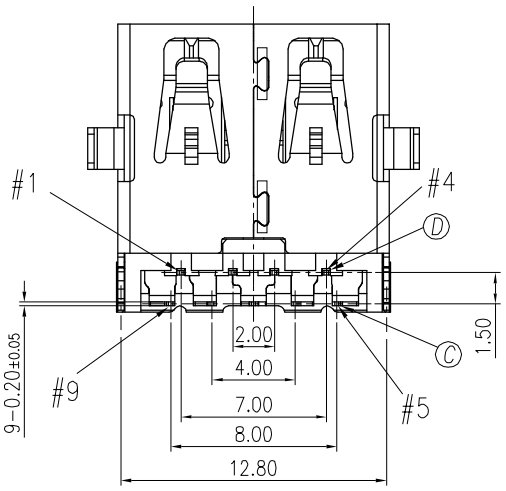


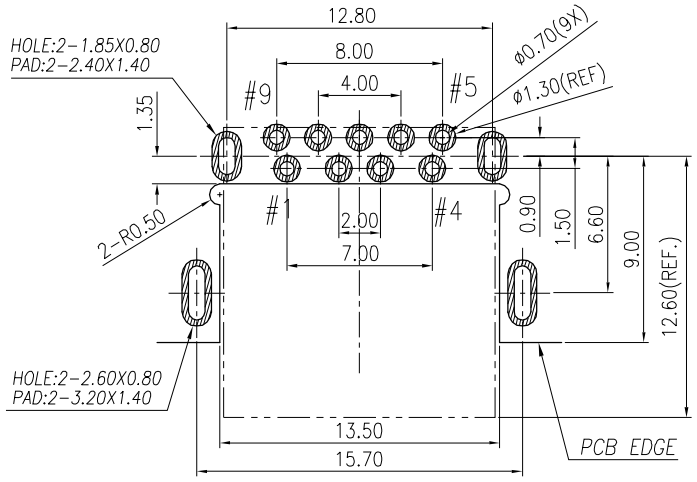


SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   - 1-1. CURRENT RATING: 1.8A (PIN1,4) ; OTHER CONTACTS 0.25A
     WORKING RATED VOLTAGE:30V AC
   - 1-2. CONTACT RESISTANCE: 30 mΩ MAX.(INITIAL) FOR VBUS/ GND CONTACTS
     50 mΩ MAX.(INITIAL) FOR ALL OTHER CONTACTS.
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE
   - 1-4. INSULATION RESISTANCE: 100MΩ MIN
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE : 35N MAX. INITIAL.
   - 2-2. WITHDRAWAL FORCE : 10N MIN. INITIAL,8N MIN. FOR AFTER TEST.
3. DURABILITY: 5,000 CYCLES,
4. OTHER SPEC TO REFER USB 3.0 SPEC.
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION MARK : ◎
7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
9. PACKAGING : TAPE & REEL.

Pin NO.	Signal Assignment
# 1	VBUS
# 2	D-
# 3	D+
# 4	GND
# 5	Stda_SSR-
# 6	Stda_SSR+
# 7	GND_DRAIN
# 8	Stda_SST-
# 9	Stda_SST+
SHELL	Shield





Recommended P.C.B Layout (THK:1.2mm)
Top View (Tol:±0.05)

D	4P TERMINAL	4	COPPER ALLOY 0.20t	2u" Au AND Pd/Ni 30u" ON CONTACT AREA, 100u" SN PLATED ON SOLDERING, 80u"NICKEL PLATED
C	5P TERMINAL	5	COPPER ALLOY 0.20t	
B	SHELL	1	STEEL	NICKEL 60u"MIN
A	HOUSING	1	HIGH TEMPERATURE	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: ANGLES:
X :±0.5 X :±2°
X.X :±0.3 X.X :±1°
X.XX :±0.2

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

TITLE	USB3.0 CONNECTOR			
DWN	Eileen	PART NO. 2UB2307-013111F		
CHKD	James	SCALE 1:1	UNIT: mm	
APVD	Boye	SIZE: A3	SHEET: 1OF1	REV: A

CUSTOMER COPY

文件編號: RD-06-043-A