

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:T181031-2A	ERIC-WU	2020.04.02
B	ECN NO: S202005-M03	ERIC	2020.06.02

SPECIFICATIONS:

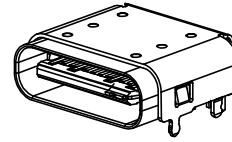
- ELECTRICAL CHARACTERISTICS:
  - LLCR:
    - VBUS & GND PINS: 40mΩ /PIN MAX.
    - OTHER PINS: 40mΩ /PIN MAX.
    - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
  - CURRENT RATING: 3.0 A Max.
  - VOLTAGE RATING: 5.0 V.
  - INSULATION RESISTANCE: 100MΩ MIN.
  - ENVIRONMENTAL PERFORMANCE:
    - OPERATING TEMPERATURE: -55°C~+85°C.
- MECHANICAL CHARACTERISTICS:
  - MATING FORCE : 0.5~2.0 Kgf.
  - UNMATING FORCE : 0.8~2.0 Kgf.
- LIFE TEST: 10000 CYCLES MIN.
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:
- HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:

USB TYP-C PIN ASSIGNMENTS:

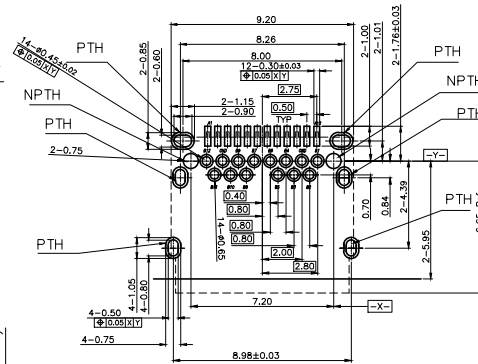
NO.	PIN NUMBER	SIGNAL NAME	NO.	PIN NUMBER	SIGNAL NAME
1	A1	GND	13	B12	GND
2	A2	SSTXp1	14	B11	SSRXp1
3	A3	SSTXn1	15	B10	SSRXn1
4	A4	VBUS	16	B9	VBUS
5	A5	CC1	17	B8	RFU2
6	A6	Dp1	18	B7	Dn2
7	A7	Dn1	19	B6	Dp2
8	A8	RFU1	20	B5	CC2
9	A9	VBUS	21	B4	VBUS
10	A10	SSRXn2	22	B3	SSTXn2
11	A11	SSRXp2	23	B2	SSTXp2
12	A12	GND	24	B1	GND

F	TOP SHELL	1	STAINLESS STEEL,T=0.20	NICKEL 60u"MIN
E	SHELL	1	STAINLESS STEEL,T=0.20	NICKEL 60u"MIN
D	MATE GROUND	1	STAINLESS STEEL,T=0.10	N/A
C	MID GROUND	1	STAINLESS STEEL,T=0.15	NICKEL 60u"MIN
B	CONTACT	24	COPPER ALLOY	Au 30 um Min.PLATED ON CONTACT AREA; Watt. Sn 100um Min.PLATED ON SOLDERING 85um NICKEL UNDER PLATING OVERALL
A	BODY	1	LCP	BLACK

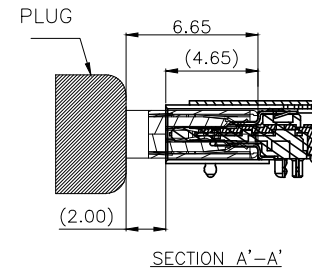
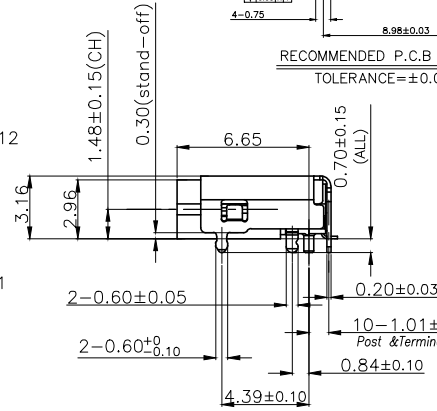
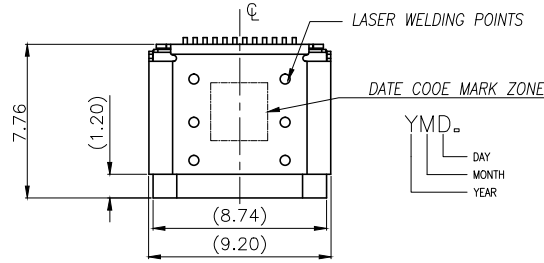
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
SINGATRON ENTERPRISE CO., LTD. 信音企業股份有限公司				
TITLE: USB TYPE -C FULL FEATURE CONN. TOP-MOUNT RECEPTACLE HYBRID TH AND SMT RIGHT ANGLE				
DWN	ERIC	PART NO: 2UB3C01-037111F		
CHKD	BOYE	SCALE:4:1	UNIT: mm	
APVD	LIAO	SIZE: A3	SHEET:1 OF 1	REV:B
CUSTOMER COPY				



(3D-VIEW)



RECOMMENDED P.C.B LAYOUT(TOP VIEW)  
TOLERANCE=±0.05(THK:1.0mm)



SECTION A'-A'

