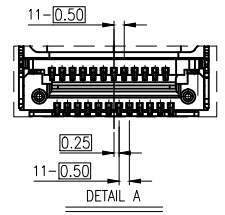
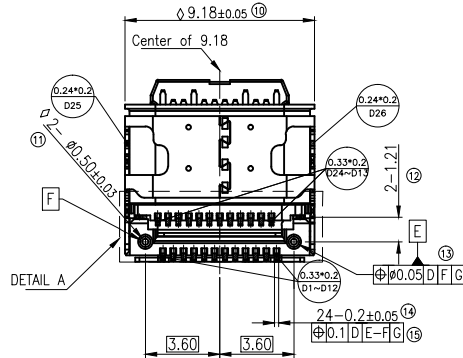
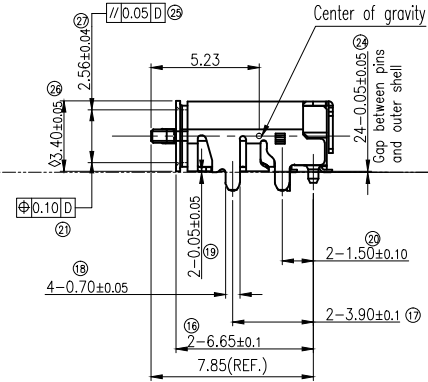
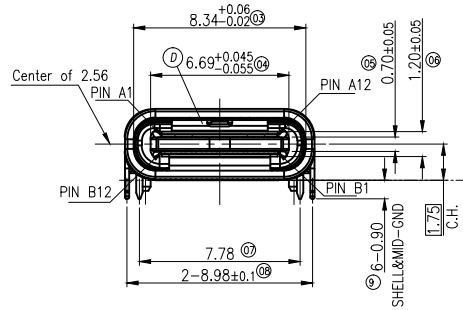
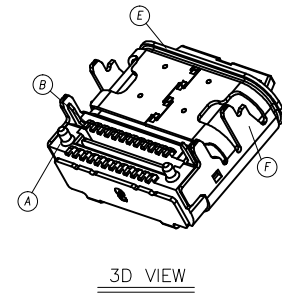
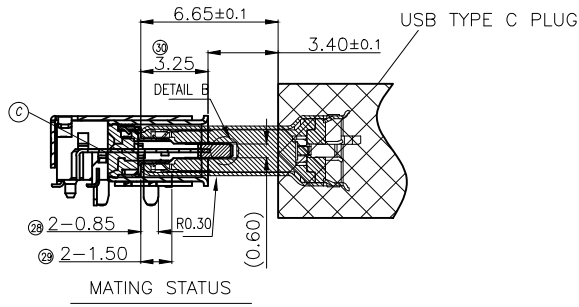
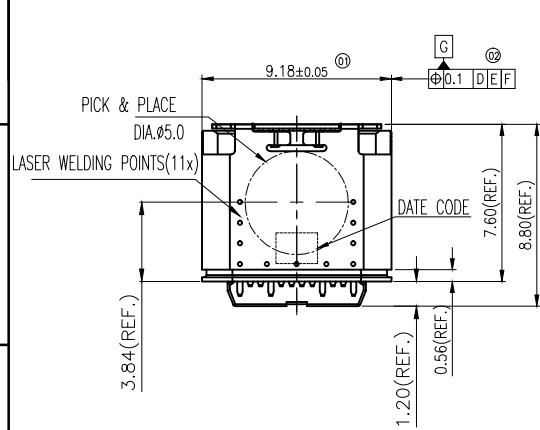


TABLE:				
Singatron P/N	Bury P/N	Gasket	Gasket Material	TID NO.
2UB3C13-015111F	WMM0026	N/A	N/A	~

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
E	PDR NO.:T210526-3A	ERIC	2022.10.26



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	TOP SHELL	1	SUS304,T=0.20	80 uin Min. solderable nickel plating
E	SHELL	1	SUS316,T=0.20	80 uin Min. solderable nickel plating
D	MATE GROUND	1	SUS304,T=0.12	N/A
C	MID-GND	1	SUS301 T=0.15	80 uin Min. solderable nickel plating
B	CONTACT	24	C7035,T=0.12	50 uin Min. Au plating on contact area, 100 uin Min. matte Tin plating on solder tail area,80 uin Min. nickel under plating
A	BODY	1	LCP 6808U UL-94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES		Singatron Enterprise Co., Ltd. 信音企業股份有限公司	
DECIMALS:	ANGLES:	TITLE	
X :±0.5	X :±2°	USB TYPE-C R/A DUAL SMT TYPE(C.H.=1.75)	
X.X :±0.3	X.X :±1°	DWN	ERIC
X.XX :±0.1		CHKD	BOYE
		APVD	LIAO
		PART NO: 2UB3C13-015111F	
		SCALE:4:1	UNIT: mm
		SIZE: A3	SHEET:1 OF 2
		REV:E	
		CUSTOMER COPY	

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
E	PDR NO.:T210526-3A	ERIC	2022.10.26

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

1-1. LLCR:

VBUS & GND PINS&OTHER PINS: 40mΩMax.  
AFTER ENVIRONMENT TEST: 50mΩMax.

1-2. CURRENT RATING: 5A Max.

1-3. VOLTAGE RATING: 20V.

1-4. INSULATION RESISTANCE: 100MΩ Min.(test according to EIA 364-21)


1-5. ENVIRONMENTAL PERFORMANCE:


OPERATING TEMPERATURE: -40°C~+105°C.

2. Insertion/Extraction force(acc.To USB Type C spec.)

3. LIFE TEST: 10000 CYCLES Min.

4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.

5. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK: 

6. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING: 

7. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

Soldering temperature 220C/90sec.260C time peak 20sec

8. Tape and reel packing

9. Water protection IP5K2(acc.to ISO 20653,testing vertically, without plug-water can not leak through the connector)

10. Automotive compliant (acc.To LV214)

11. Connector is fully compatible with USB Type C connector specification(Release 1.3 )

12. "φ" Key characteristics

13. TID number-SEE TABLE

14. Connection sockets load can not lead to any mechanical or electrical interference or damage.

The values shown in the table are binding.

15. Testing to determine the resistance against flowing mixed gas in accordance with

DIN EN 60068-2-60:1996-09,Test KE,Method 4 (identical to IEC 60068-60)

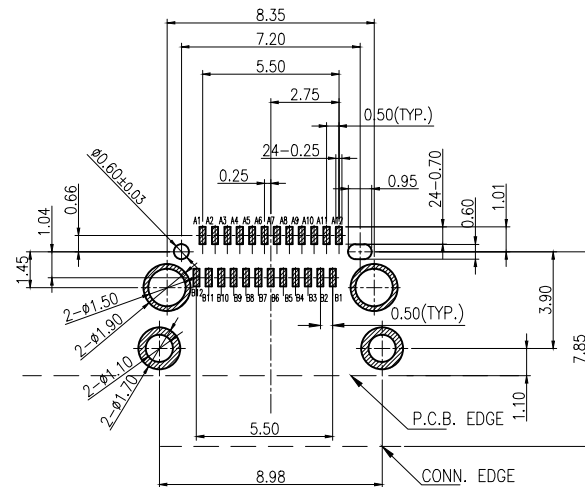
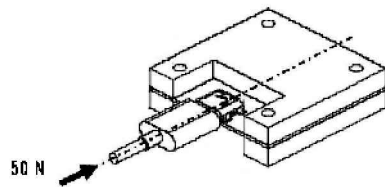
16. Bury are allowed to make changes in documentation after manufacturing(including tolerance change)

17. Shape and position tolerances according to DIN EN ISO 1101

18. Tape & reel packaging acc. to EIA-481

19. The unit weight: about 0.72 g

Schalter/Switch	Belastungsart/Type of load	Wert/Value
USB-Buchsenanschluss USB socket	Anschlagfestigkeit(Radialkomponente) End stop strength(radial component)	50N Min.
USB-Buchsenanschluss USB socket	Mechanische Druckbeaufschlagung(1 Min) mechanical pressure application(1min)	50N Min.



RECOMMENDED P.C.B LAYOUT(TOP VIEW)

TOLERANCE=±0.05(THK: 1.1~1.75mm)

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

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: USB TYPE-C R/A DUAL SMT TYPE(C.H.=1.75)		
X :±0.5	X :±2°	DWN	ERIC	PART NO: 2UB3C13-015111F
X.X :±0.3	X.X :±1°	CHKD	BOYE	SCALE:4:1 UNIT: mm
X.XX :±0.1		APVD	LIAO	SIZE: A3 SHEET:2 OF 2 REV:E
CUSTOMER COPY				