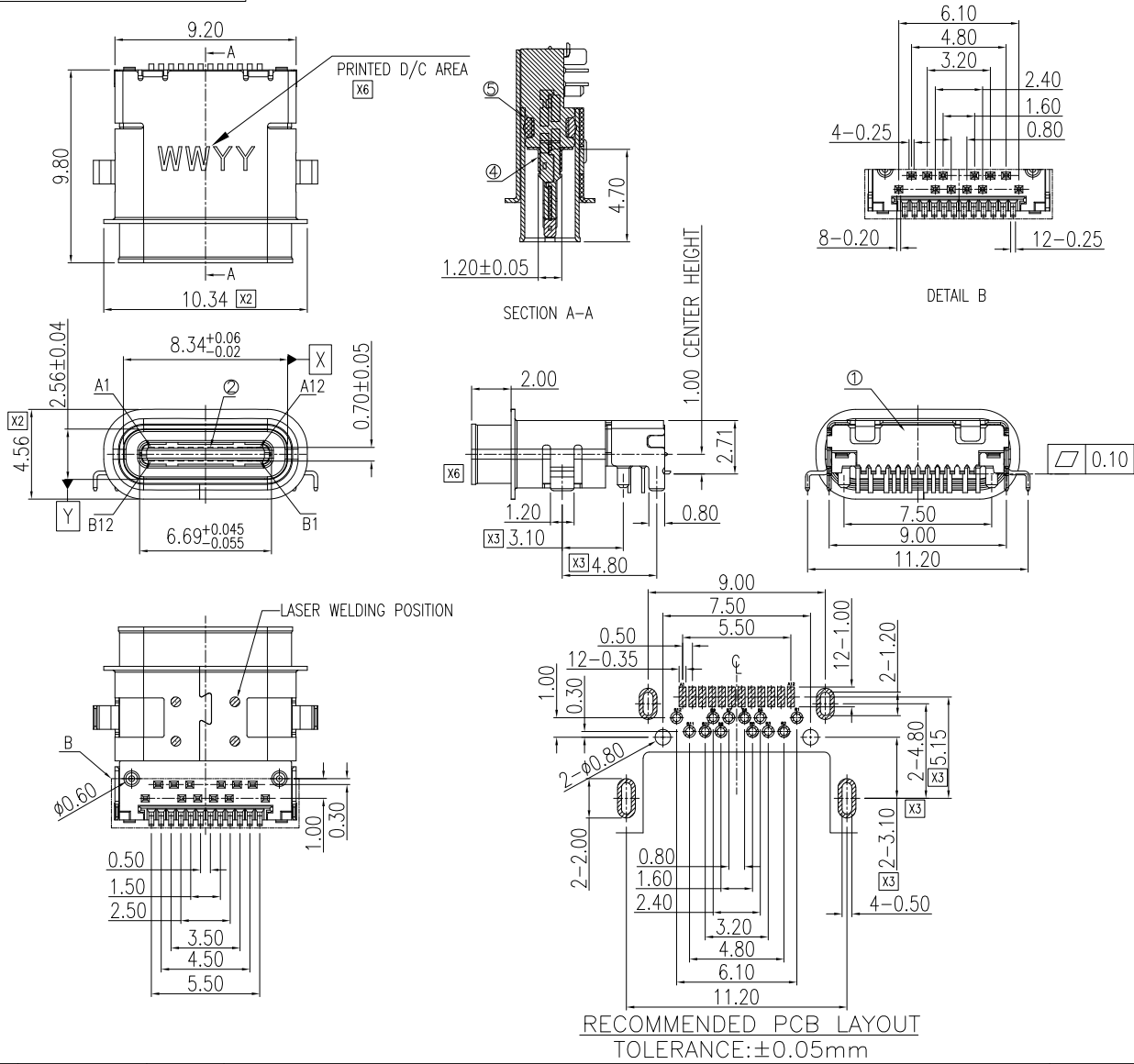
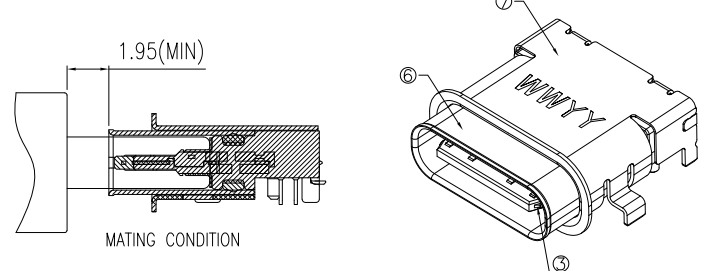


PROPRIETARY INFORMATION
COMPANY CONFIDENTIAL

REV.	ECN. NO.	DESCRIPTION	ENG	DATE
X1		INITIAL	Keen	03/26/2021
X2		OUT SHELL FLANGING CHANGED	Keen	09/16/2021
X3		OUT SHELL FOOT POSITION CHANGED	Keen	09/18/2021
X4		UPDATE THE DRAWING	Keen	10/21/2021
X5		REMOVE THE OUTER WATERPROOF RING	Joy	11/08/2021
X6		UPDATE THE DRAWING	Joy	12/10/2021



- NOTES :
- ELECTRICAL CHARACTERISTICS;
 - CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
 - CONTACT CURRENT RATING: 5A FOR VBUS PIN; 1.25A FOR VCONN PIN.
 - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
 - INSULATION RESISTANCE 100MΩ Min.
 - OPERATING TEMPERATURE: -40°C~85°C
 - MECHANICAL CHARACTERISTICS:
 - MATING FORCE: 5~20 N.
 - UNMATED FORCE: 8~20N AFTER TEST.
 - DURABILITY: 10,000 CYCLES
 - PACKAGE: REEL



USB TYPE-C PIN ASSIGNMENTS

Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTxp1	Second	B11	SSRXp1	Second
A3	SSTxn1	Second	B10	SSRXn1	Second
A4	VBUS	First	B9	VBUS	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	VBUS	First	B4	VBUS	First
A10	SSRXn2	Second	B3	SSTxn2	Second
A11	SSRXp2	Second	B2	SSTxp2	Second
A12	GND	First	B1	GND	First



ITEM	NAME	QTY	DESCRIPTION	NOTE
7	OUT SHELL	1	STAINLESS STEEL,NICKEL(40u" MIN) UNDER PLATING OVERALL.	
6	IN SHELL	1	STAINLESS STEEL,NICKEL(40u" MIN) UNDER PLATING OVERALL.	
5	O-RING	1	SILICONE	
4	EMI	1	STAINLESS STEEL,NICKEL(40u" MIN) UNDER PLATING OVERALL.	
3	MID PLATE	1	STAINLESS STEEL.	
2	TERMINAL	24	COPPER ALLOY,NICKEL(50u" MIN)UNDER PLATING OVERALL, TIN(100u" MIN.) PLATING ON SOLDER AREA, AU(GOLD FLASH) PLATING ON CONTACT AREA	
1	INSERTMOLD	1	HIGH TEMPERATURE RESISTANT PLASTIC.	UL94V-0

QUALITY SYMBOLS MAJOR Ⓢ CRITICAL Ⓢ	DRAWN BY Joy 21/12/10	DATE 21/12/10	
GENERAL TOLERANCES (UNLESS SPECIFIED) .X ±0.35 .XX ±0.25 .XXX ±0.20 ANGLES ±2°	CHECKED BY Joy 21/12/10	DATE 21/12/10	
APPROVED BY Terry 21/12/10		TITLE WATERPROOF 24 PIN TYPE C CH1.00mm CONNECTOR	RFQ NO. 210-10196-01
UNITS mm	SCALE 1:1	SHEET NO. 1 OF 1	SIZE A4 REV X6 DIVG NO. 210-10196