

HALOGEN FREE

REVISIONS

REV	DESCRIPTION	DWN	DATE
D	ADD WELDING	JACK WU	2020-02-18
E	ADD WELDING	JACK WU	2020-03-23

NOTES :

1. MATERIAL:
 - A. HOUSING : THERMOPLASTIC, HIGH TEMP, UL94V-0.
 - B. CONTACT : COPPER ALLOY.
 - C. MID-PLATE : STAINLESS STEEL.
 - D. SHELL : STAINLESS STEEL.
 - E. OUTER SHELL : STAINLESS STEEL.
2. FINISH:

CONTACT : Au ON CONTACT AREA(SEE NOTES 3)
100u"(Min) MATTE TIN ON SOLDER AREA
80u"(Min) NICKEL UNDERPLATING OVERALL .
3. ELECTRICAL CHARACTERISTIC:
 - 3-1. CONTACT CURRENT RATING:

5A FOR VBUS PINS(A4,A9,B4,B9)
1.25A FOR GND PINS(A1,A12,B1,B12)
0.25 A FOR OTHER PINS
 - 3-2. VOLTAGE RATING: 20.0V
 - 3-3. LOW LEVEL CONTACT RESISTANCE:

40mohms MAX. FOR VBUS, GND AND OTHER CONTACTS.
50mohms MAX. AFTER ENVIRONMENT TEST.
4. MECHANICAL CHARACTERISTIC:
 - 4-1. INSERTION FORCE: 5~20N.
 - 4-2. EXTRACTION FORCE: 14~20N (INITIAL)
8~20N (AFTER DURABILITY CYCLES)
 - 4-3. DURABILITY: 10000 MATING CYCLES
 - 4-4. OPERATING TEMPERATURE: -55°C TO +85°C.
5. P/N : UTC-025-1R24HX

— PLATING OF CONTACT AREA
G: GOLD FLASH
6: 30 μ " Au

PIN ASSIGNMENT

PIN ASSIGNMENT													
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14
GND	TX1-	TX1-	VBUS	CC1	D+	D-	RFU1	VBUS	RX2-	RX2+	GND	RX1+	RX1+
GND	RX1+	RX1-	VBUS	RFU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND	RX2-	RX2+
R12	R11	R10	R9	R8	R7	R6	R5	R4	R3	R2	R1	R12	R11


VITECK CO., LTD.

TITLE
USB TYPE C R/A HYBRID TYPE CH=1.32mm

PART NO.	UTC-025-1R24HX
----------	----------------

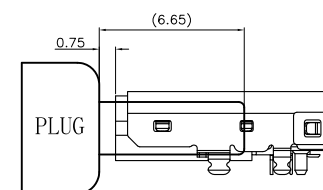
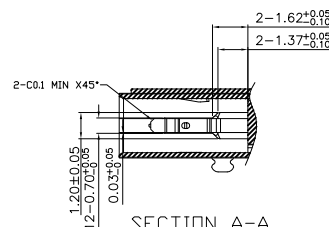
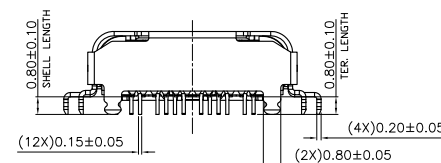
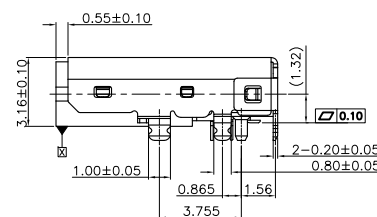
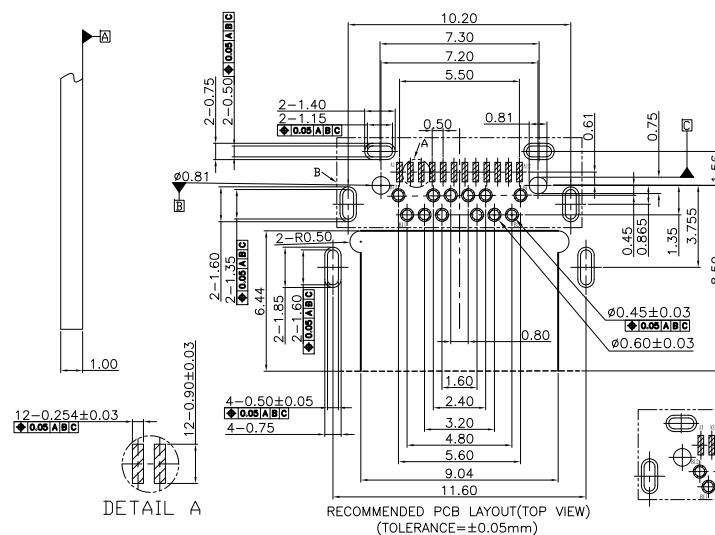
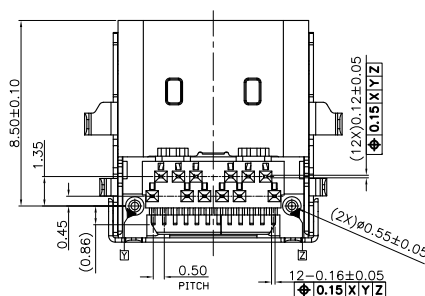
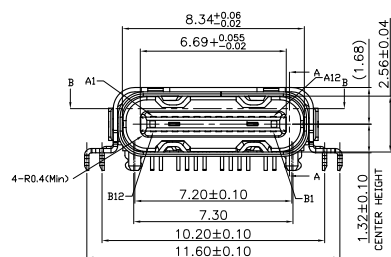
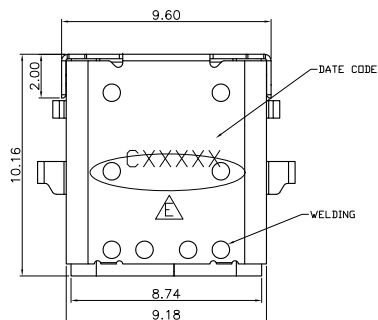


THIRD ANGLE
PROJECTION

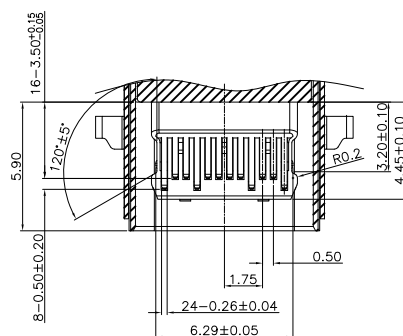
DWG REV.
F

SHEET NO.
1 OF 1

SIZE



MATING CONDITION



SECTION B-B

GENERAL TOLERANCES (OTHERWISE SPECIFIED)		SCALE NONE	DESIGN UNITS MILIMETER
	mm	DRAWN BY ALDO	DATE 2019-05-16
4 PLS	$\pm$	CHECKED BY	DATE
3 PLS	$\pm$ 0.10		
2 PLS	$\pm$ 0.15		
1 PLS	$\pm$ 0.25	APPROVED BY	DATE
ANGLES	$\pm$ °		
QUALITY SYMBOLS		DRAWING NO. SD-UTC-025-001	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO VITECK
CORP, LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



THIRD ANGLE
PROJECTION

DWG REV.
F

SHEET NO.
1 OF 1

SIZE