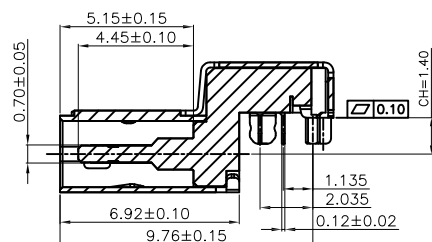
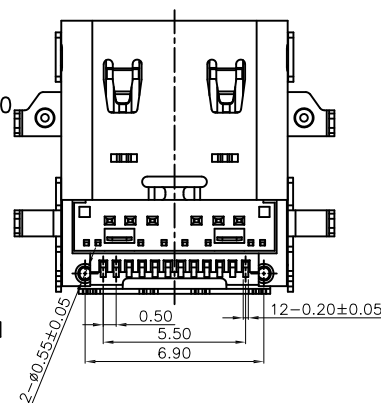
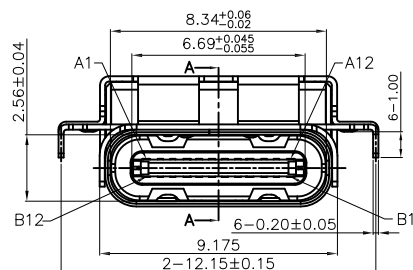
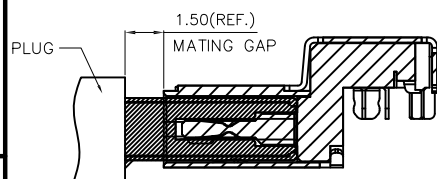
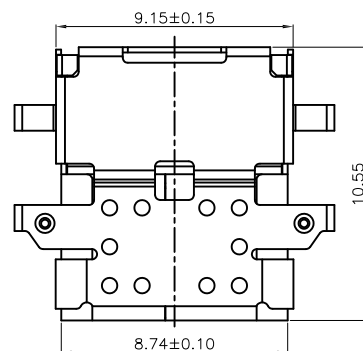


DATE: _____ TITLE: _____

		2	1	
Rev	AWO #	Description	Date	Appr
-		RELEASED	11/24/22	
A		UPDATE TITTLE	4/24/23	LH/AC1
B		UPDATE TITTLE	2/27/24	LH/RC

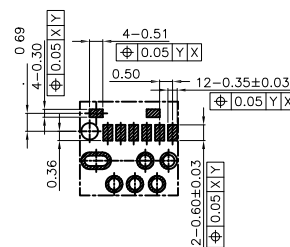


SECTION A-A

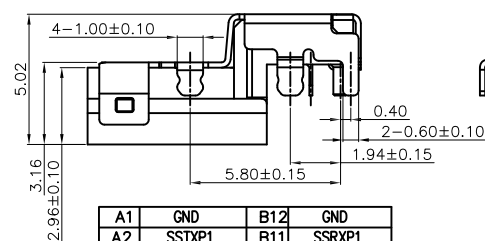


Material:
Insulator: Hi-Temp Thermoplastic, rated UL 94V-0
Insulator color: Black
Contacts: High performance copper
Shield: Stainless Steel, Nickel Plated
Plating:
Contacts area: Gold flash plated min
Dip: solder area: Matted Tin plated
SMT solder area: Gold flash plated min
Electrical:
Current rating: 5.0 A for VBUS, 1.25A for VCONN
0.25 A for other pins

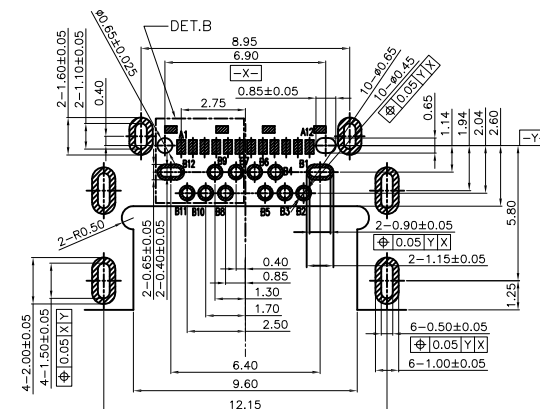
Contact resistance: 40 mohms max
 Insulation resistance: 100 Mohms min
 Dielectric withstanding voltage: 100 VAC for 1 minute
 Mechanical:
 Insertion Force: 0.5~2.0 kgf.
 Removal Force: 0.8~2.0 kgf.
 Durability: 10000 Cycles
 Temperature Rating:
 Operating temperature: -25°C to +85°C
 Environmental:
 Lead free, RoHS compliant.



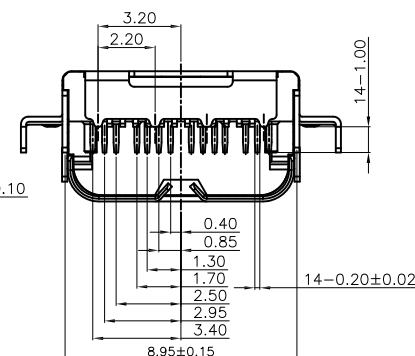
DETAIL B



A1	GND	B12	GND
A2	SSTXP1	B11	SSRXP1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRXP2	B2	SSTXP2
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



RECOMMENDED PCB LAYOUT



PACKAGED ON TAPE & REEL

TRANSMISSION EFFICIENCY: 40Gbps

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED MM .X ± .35 .XX ± .25 ANGLE X° ± .3° .X° ± 1.5°			909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710		
DRAWN	JJ	11/24/22	TITLE UNIVERSAL SERIAL BUS TYPE C 4.0, GEN3X2 24PIN, R/A SMT,EDGE HANG, BLACK INSULATOR		
CHECKED	AC1	11/24/22			
APPROVED					
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH			SIZE X	PART NO. USB-C40-S-RA-CS4-EH-BK-T/R	REV A
			REF: S00192C	SCALE: NTS	SHEET 1 OF 1