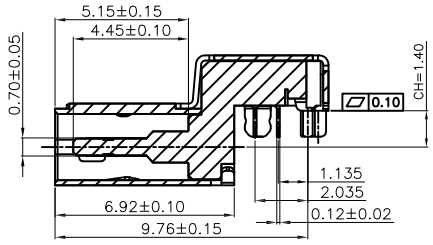
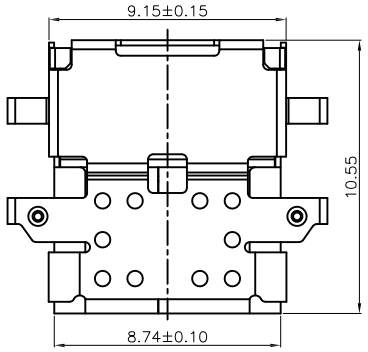
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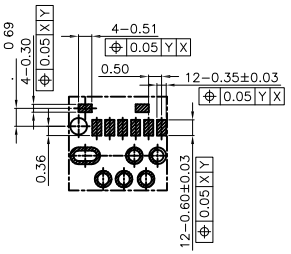
DATE: _____ TITLE: _____

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

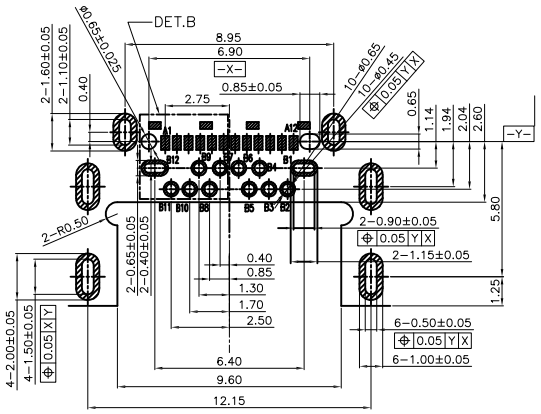


SECTION A–A

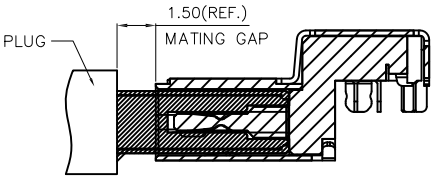


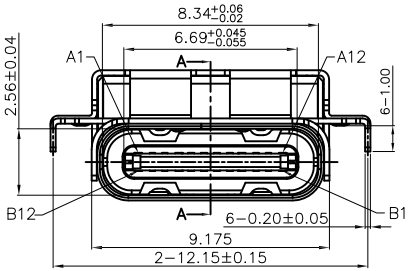


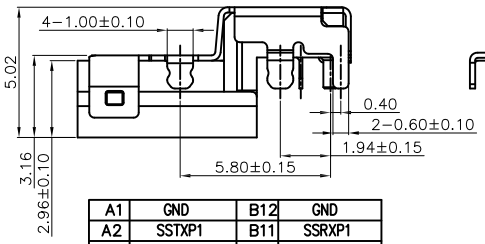
DETAIL B

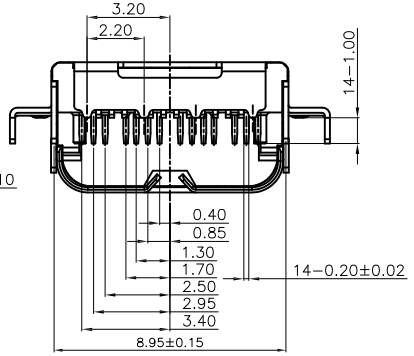


RECOMMENDED PCB LAYOUT

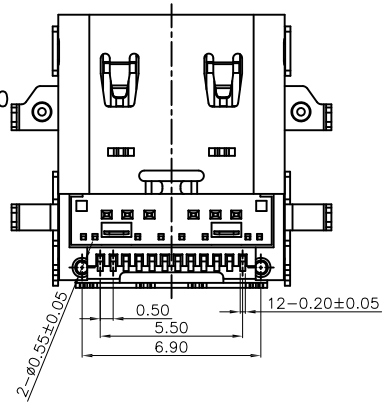








A1	GND	B12	GND
A2	SSTXP1	B11	SSRXP1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRXP2	B2	SSTXP2
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



SPECIFICATIONS:

Material:

Insulator: Hi–Temp Thermoplastic, rated UL 94V–0

Insulator color: Black

Contacts: Hight 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. RoHS COMPLIANT

PACKAGED ON TAPE & REEL

TRANSMISSION EFFICIENCY: 40Gbps

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

MM		ANGLE	
.X	± .35	X°	±.3°
.XX	± .25	.X°	±1.5°

DRAWN	JJ	11/24/22
CHECKED	AC1	11/24/22
APPROVED		

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ADAM TECH
909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE

UNIVERSAL SERIAL BUS TYPE C 4.0, GEN3X2
24PIN, R/A SMT,EDGE HANG, BLACK INSULATOR

SIZE	PART NO.	REV.
X	USB-C40-S-RA-CS4-EH-BK-T/R	A

REF:	SCALE:	SHEET
S00192C	NTS	1 OF 1

Unikeyic Electronics

Global Electronic Components Distributor

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ADAM TECH:

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SW-PB7-1Z-A-RG-H-3-G2A ICS640T SW-PB8-AA00B2GE-2 RF55-29L-T-00-50-G-SH
SD-PNN10-MMLAL-S00-000 DA15-PT-2 MDJ-009-FS 25CH-B-07 2PH1-16-UA-SMT-B BHR-20-VUA
EBJA-04-C-BK PH1RA-03-UA SW-PB7-07LB42CRRG12V 1CH-A-10 CDH-11 DB25-PT-1BLJS
EB163A-05-C-180 SMC-2-08-1-GT SPH2-16-U-SMT BHR-10-VUA DMF-02-S ICM-316-1-GT-HT
MMI-P1PG10SGG52 MTJ-88AX1-FSN-LH-M4S PH1-20-U-A