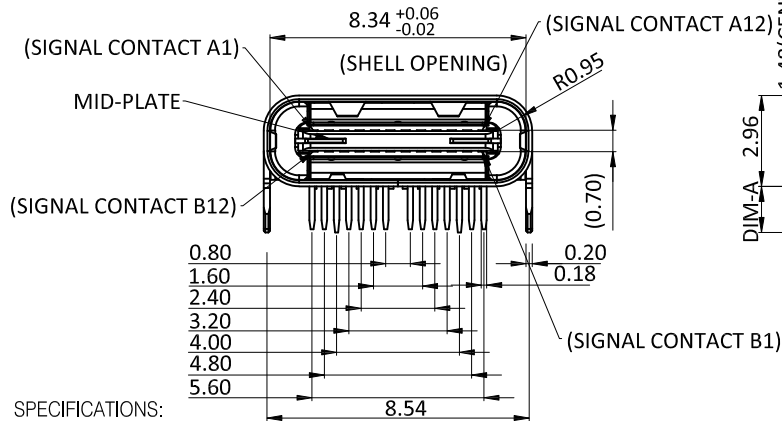
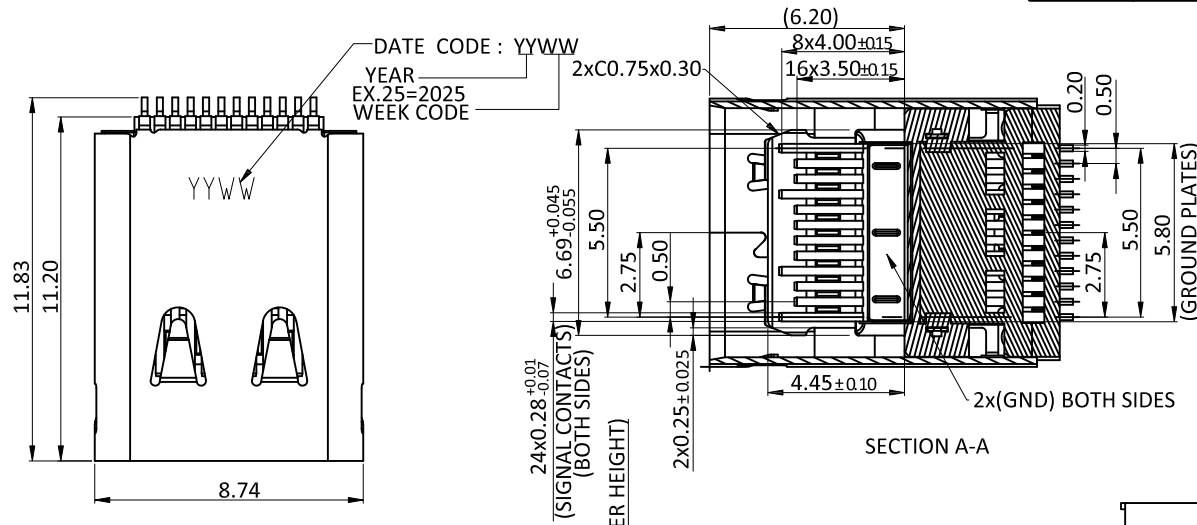


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	1/22/21	
A		UPDATE TITLE	6/27/24	WX/RC
B		UPDATE DRAWING	10/30/25	LH/AC1



SPECIFICATIONS:

Material:

Insulator: (LCP) Hi-Temp Thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Brass

Shell: Nickel Plated

Plating:

30u" Palladium Gold over Nickel underplate on contact area,

Tin over Nickel underplate on solder tails

Electrical:

Voltage rating: 20 V

Current rating: 5 Amps max

Insulation resistance: 100 Mohms min @100 VDC

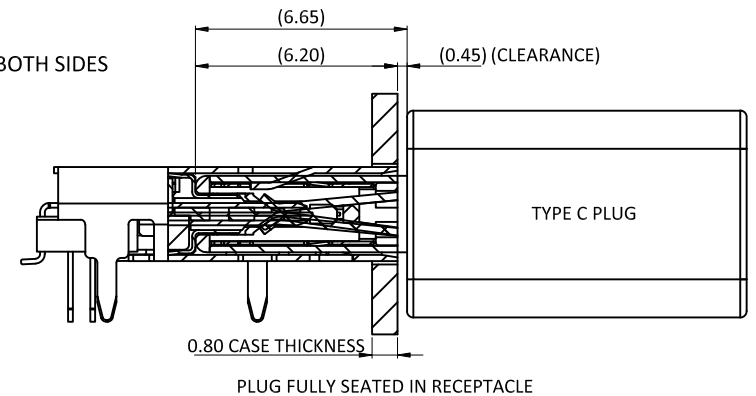
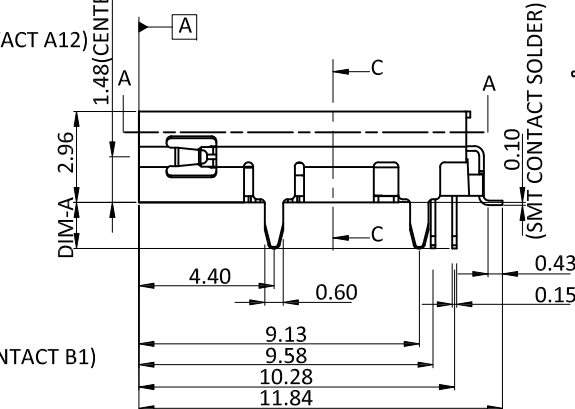
Dielectric withstanding voltage: 100 VAC for 1 Minute

Temperature Rating:

-40°C to +105°C

Environmental:

Lead free, RoHS compliant.



ADAM P/N	DIM.A	PCB THICKNESS
USB-C32-S-RA-CS27A-BK-30-A-T/R	1.50	1.0±0.05
USB-C32-S-RA-CS27A-BK-30-B-T/R	1.90	1.6±0.05

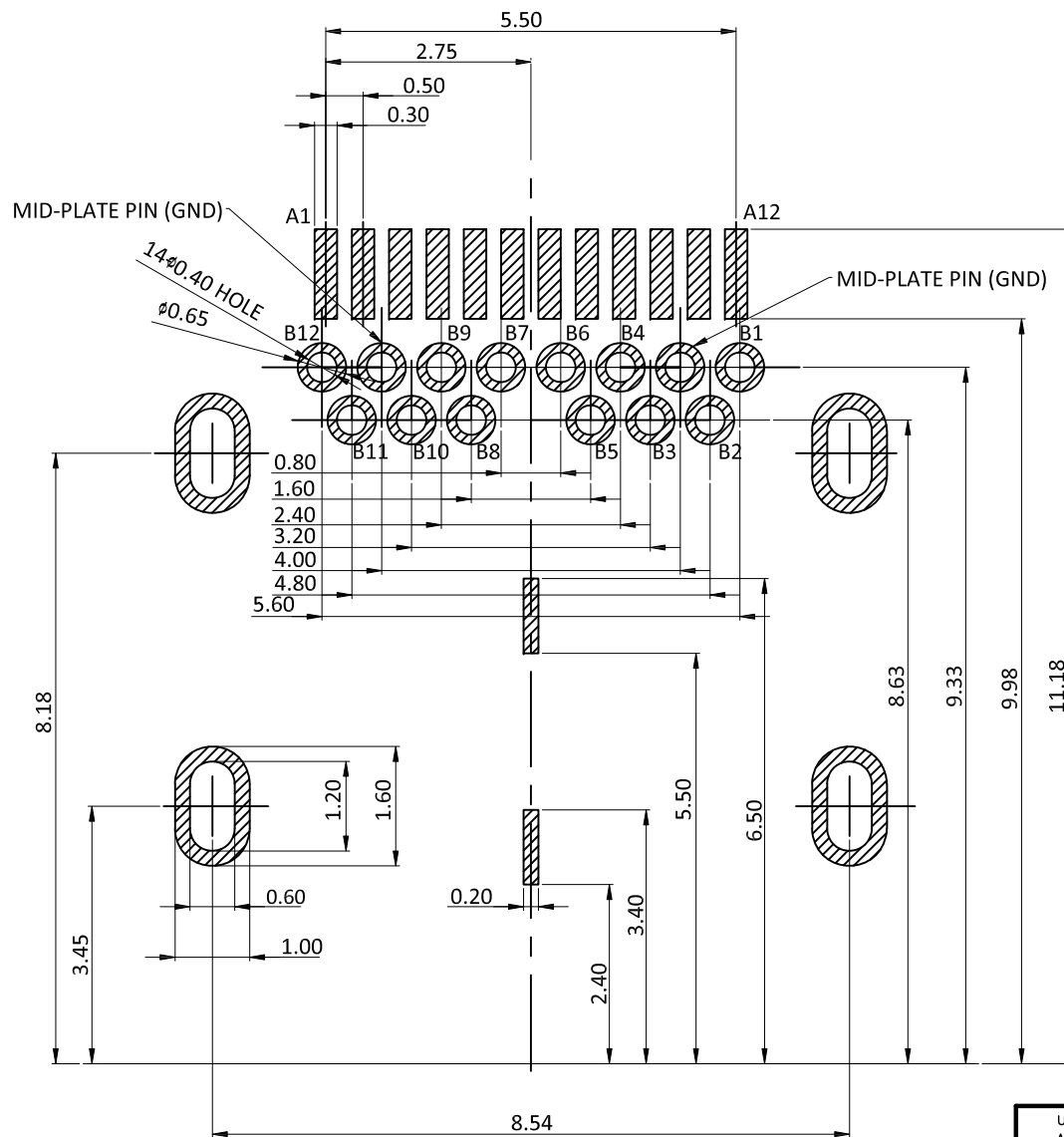
PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED				
X	± 0.50			
MM .X	± 0.30	ANGLE ± 5°	TITLE UNIVERSAL SERIAL BUS, TYPE C, FEMALE, TRANSMISSION EFFICIENCY: Gen2 10Gbps RIGHT ANGLE, BLACK INSULATOR	
.XX	± 0.20			
DRAWN	LH	1/22/21	SIZE X	PART NO. USB-C32-S-RA-CS27A-BK-30-X-T/R
CHECKED	RC	1/22/21	REF: S00013T	SCALE: NTS
APPROVED			SHEET 1 OF 2	
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APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				



RECOMMENDED PCB LAYOUT
PCB Thickness=1.0 For 1.50 Solder Tail
PCB Thickness=1.6 For 1.90 Solder Tail

USB TYPE -C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
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

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

	X	±	0.50	
MM	.X	±	0.30	ANGLE ± 5°
	.XX	±	0.20	

DRAWN	LH	1/22/21
CHECKED	RC	1/22/21
APPROVED		

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TITLE	UNIVERSAL SERIAL BUS, TYPE C, FEMALE, TRANSMISSION EFFICIENCY: Gen2 10Gbps RIGHT ANGLE, BLACK INSULATOR
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SIZE X	PART NO. USB-C32-S-RA-CS27A-BK-30-X-T/R	REV. C
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REF: S00013T	SCALE: NTS	SHEET 2 OF 2
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