

SERIES: SUA-A

DESCRIPTION: EXTERNAL USB ADAPTER

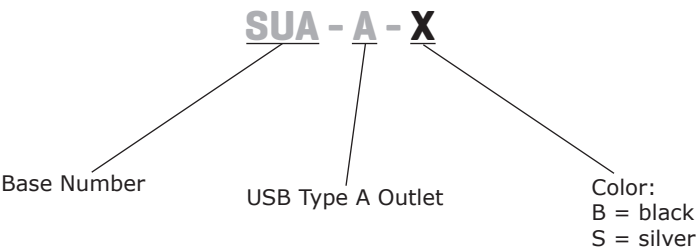
FEATURES

- USB-A receptacle to USB-C plug
- enables USB-A plug to connect to USB-C receptacle
- passive power connection
- connects USB-C power to USB-A power



MODEL	input connector type	output connector type	current rating max (A)
SUA-A	USB-C	USB-A	3.5

PART NUMBER KEY



ELECTRICAL

parameter	conditions/description	min	typ	max	units
insulation				2	Ω
resistance	300 Vdc for 1 ms max		10		MΩ
current		2.1		3.5	A

MECHANICAL

parameter	conditions/description	min	typ	max	units
insertion force	USB-A			35	N
	USB-C	5		20	N
removal force	USB-A			10	N
	USB-C	8		20	N
mating cycles	USB-A		1,500		
	USB-C		10,000		
dimensions	28.5 (L) x 16.0 (W) x 8.0 (H)				mm

ENVIROMENTAL

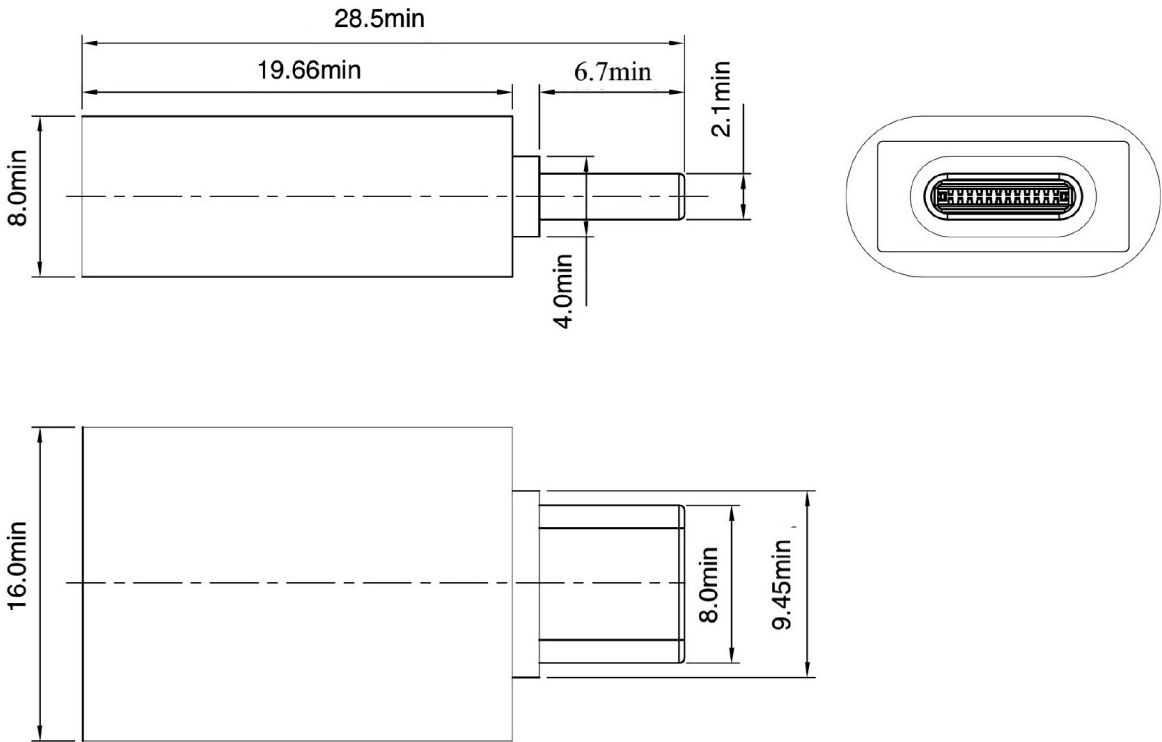
parameter	conditions/description	min	typ	max	units
operating temperature		-20		70	°C

SAFETY & COMPLIANCE

parameter	conditions/description	min	typ	max	units
RoHS	yes				

MECHANICAL DRAWING

units: mm



REVISION HISTORY

rev.	description	date
1.0	initial release	05/17/2024
1.01	mechanical drawing and dimensions updated	09/28/2024
1.02	mechanical drawing updated	05/21/2025

The revision history provided is for informational purposes only and is believed to be accurate.



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This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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