

SERIES: SUA-A | DESCRIPTION: EXTERNAL USB ADAPTER

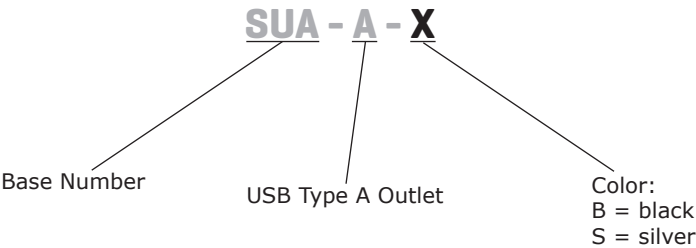
FEATURES

- 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	5		35	N
	USB-C			20	N
removal force	USB-A	8		10	N
	USB-C			20	N
mating cycles	USB-A		1,500		
	USB-C				
dimensions	28.5 (L) x 16.0 (W) x 8.0 (H)				mm

ENVIROMENTAL

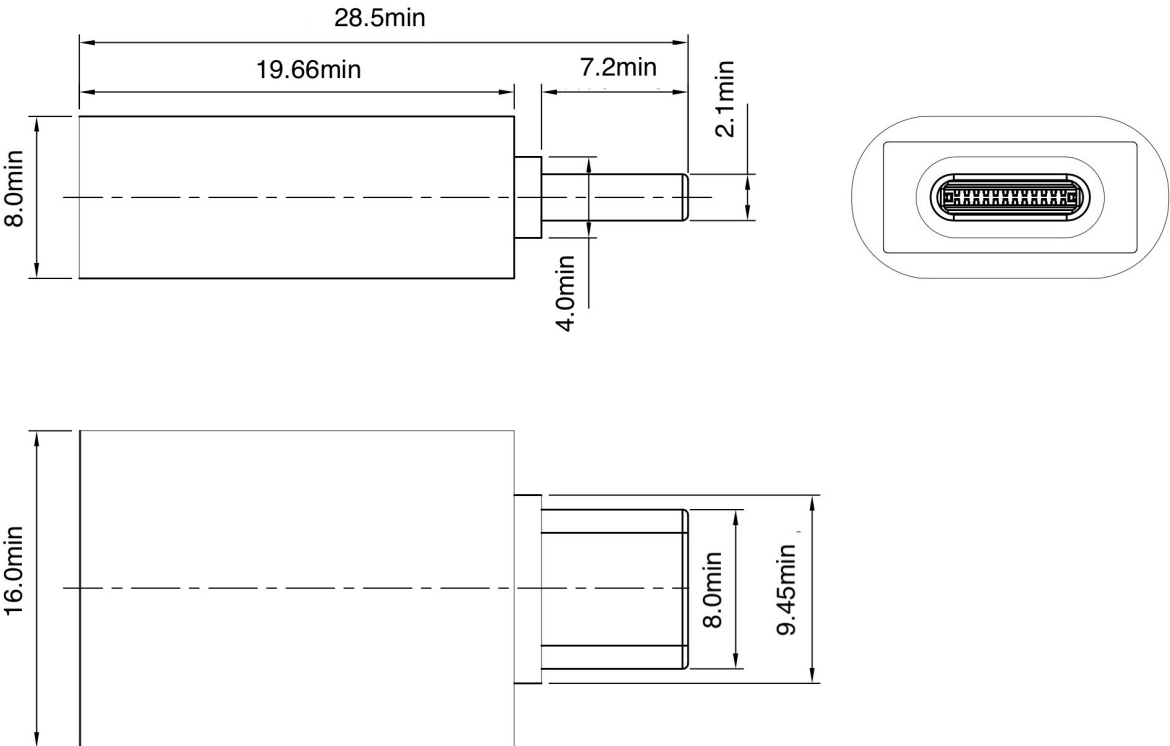
parameter	conditions/description	min	typ	max	units
operating temperature		-20		70	°C

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

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

**CUI INC**

a bel group

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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.

CUI reserves the right to make changes to the product at any time without notice. Information provided by CUI is believed to be accurate and reliable. However, no responsibility is assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.