

# USB-AP-S-RA-SMT Datasheet

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DiGi Electronics Part Number	USB-AP-S-RA-SMT-DG
Manufacturer	<a href="#">Adam Tech</a>
Manufacturer Product Number	USB-AP-S-RA-SMT
Description	USB A 2.0, R/A, SMT, PLUG
Detailed Description	USB-A (USB TYPE-A) USB 2.0 Plug Connector 4 Position Surface Mount, Right Angle; Through Hole

This model USB-AP-S-RA-SMT is available at DiGi.Electronics.

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We welcome your inquiries regarding pricing, lead time, or other product-related questions.

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DiGi is a global authorized distributor of electronic components.

## Purchase and inquiry

Manufacturer Product Number:

USB-AP-S-RA-SMT

Series:

-

Connector Type:

USB-A (USB TYPE-A)

Gender:

Plug

Mounting Type:

Surface Mount, Right Angle; Through Hole

Termination:

Solder

Ingress Protection:

-

Number of Ports:

1

Voltage - Rated:

30VAC

Shielding:

Shielded

Shell/Shielding Material:

Steel (SPCC)

Insulation Color:

Black

Manufacturer:

Adam Tech

Product Status:

Active

Number of Contacts:

4

Specifications:

USB 2.0

Mounting Feature:

Horizontal

Features:

-

Operating Temperature:

-20°C ~ 60°C

Current Rating (Amps):

1.5A

Mating Cycles:

-

Contact Finish:

Gold

Material Flammability Rating:

UL94 V-0

Base Product Number:

USB-A

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8536.69.4040

Moisture Sensitivity Level (MSL):

1 (Unlimited)

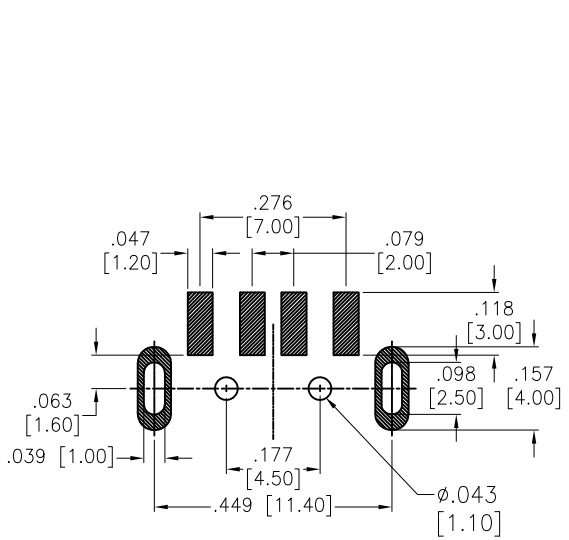
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EAR99

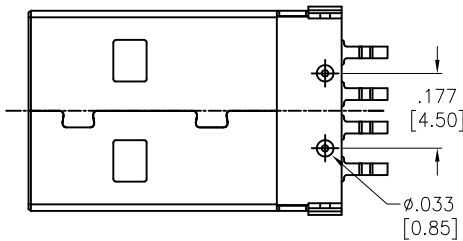
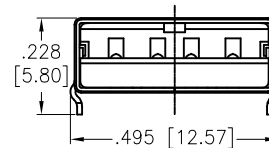
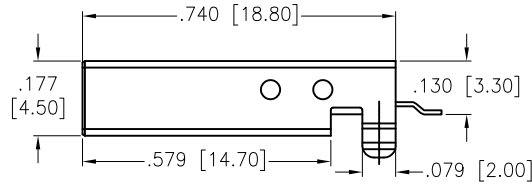
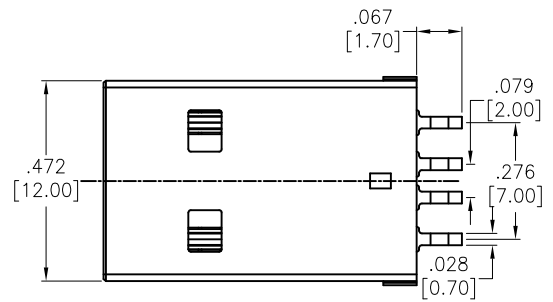
APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_


Rev	AWO #	Description	Date	Appr
-		RELEASED	9/17/07	
A		REDRAWN	5/18/11	
B		REVISED DIM.	5/24/12	
C		UPDATED DRAWING	3/4/16	HR/MY
D		UPDATED DRAWING	7/22/21	WX/RL
E		UPDATED TEMPERATURE	10/17/22	LH/NL
F		UPDATE DRAWING	11/17/23	JJ/MC
G		UPDATE DRAWING	12/22/23	JJ/MC
H		ADDED DIM.	12/25/23	LH/MC
I		UPDATE DRAWING	4/26/24	JJ/MC
J		UPDATE SPEC.	5/21/24	WX/MC



RECOMMENDED P.C.B LAYOUT




**SPECIFICATIONS:**

Material:  
 Insulator: Hi-Temp Thermoplastic, rated UL 94V-0  
 Insulator color: Black  
 Contacts: Brass  
 Shell: SPCC, Nickle plated 

Plating:  
 Gold flash over Nickel underplate on contact area  
 Tin over Nickel underplate on solder tails

Electrical:  
 Voltage rating: 30V AC  
 Current rating: 1.5 A  
 Contact resistance: 30 mohms max.  
 Insulation resistance: 1000 Mohms min  
 Dielectric withstanding voltage: 500 VAC for 1 minute  
 Temperature Rating:

Operating temperature: -25°C to +80°C

Environmental:  
 Lead free, RoHS compliant. 

INCHES		HOLES	
X	± .10	ØX	± .10
.XX	± .020	Ø.XX	± .015
.XXX	± .015	Ø.XXX	± .010

DRAWN	SS	9/17/07
CHECKED		
APPROVED		

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TITLE: USB CONNECTOR, A TYPE PLUG, SMT  
 SEL GOLD FLASH, BLACK INSULATOR

SIZE	PART NO.	REV.
X	USB-AP-S-RA-SMT	J

REF: S00167T-1 SCALE: NTS SHEET 1 OF 1

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