



Notice of Discontinuation

Company: KYCON, Inc.
305 Digital Dr.
Morgan Hill, CA 95037
USA
408-494-0330

8/22/2023

Re: EOL

Part Number:

KUSBX-AP-KIT-SC; KUSBX-AP-KIT-SC-30; KUSBX-AP-KIT-SCBLK; KUSBX-BP-KIT-SC

Please note that the above part numbers are EOL due to worn tooling.
Kycon will offer alternative parts and recommend sampling.
Contact Toby for further details.

Alternative part numbers

KUSBX-AP-KIT-SC-1

KUSBX-AP-KIT-SC-30-1

KUSBX-AP-KIT-SCBLK-1

KUSBX-BP-KIT-SC-1

Please see red line drawings below.

KYCON, Inc. 305 Digital Drive, Morgan Hill, CA 95037 (408)494-0330

As Compared to KUSBX-AP-KIT-SC & KUSBX-AP-KIT-SCBLK

Materials and Finish

Insulator: PBT Thermoplastic, UL 94V-0 Rated, Color: Black or White
 Shell & Back Shell: Steel, Nickel Plated
 Contact Material: Brass
 Contact Plating Options:
 Standard: Gold Flash on Contact Area, Tin Plated on Solder Area, All Over Nickel Underplate
 30 Option: 30µ" Gold Plated on Contact Area, Tin Plated on Solder Area, All Over Nickel Underplate

Electrical Characteristics

Rated Current: 1.5A Max.
 Rated Voltage: 30V AC/DC
 Insulation Resistance: 1,500 Megohms Min. at DC 500V
 Contact Resistance: 30 Milliohms Max.
 Dielectric Withstanding Voltage: 500V AC RMS for 1 Minute

Mechanical Characteristics

Operating Temperature: -55°C to +105°C

Part Number	Insulator Color	Contact Area Plating Finish
KUSBX-AP-KIT-SC-1	White	Gold Flash (standard)
KUSBX-AP-KIT-SC-30-1	White	30µ" Gold (30 option)
KUSBX-AP-KIT-SCBLK-1	Black	Gold Flash (standard)

Tolerances

X.X ± 0.30
 X.XX ± 0.20
 Unless Stated Otherwise

PRELIMINARY
 PART DESIGN
 SPECIFICATIONS SUBJECT TO CHANGE

RoHS COMPLIANT

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
01	07/20/11	new drawing	T. Frazee	C. Kallaluk	C. Kallaluk	07/11/11

KUSBX-AP-KIT-SC-1

USB Type-A Plug Kit, W/Solder Clips, White
 or Black Color, RoHS Compliant, Page 1 of 2

Compared To KUSBX-BP-KIT-SC

Materials and Finish
 Insulator: PBT Thermoplastic, UL 94V-0 Rated, Color: White
 Shell & Back Shell: Steel, Nickel Plated
 Contact Material: Brass
 Contact Plating: Standard: Gold Flash on Contact Area, Tin Plated on Solder Area, All Over Nickel Underplate

Electrical Characteristics
 Rated Current: 1.5A Max.
 Rated Voltage: 30V AC/DC
 Insulation Resistance: 1,000 Megohms Min. at DC 500V
 Contact Resistance: 30 Milliohms Max.
 Dielectric Withstanding Voltage: 500V AC RMS for 1 Minute

Mechanical Characteristics
 Operating Temperature: -55°C to +105°C

PRELIMINARY
 NOT FOR PRODUCTION
 SPECIFICATIONS SUBJECT TO CHANGE

RoHS COMPLIANT

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
01	01/20/03	NEW DESIGN	A. Kasper	J. Pizzarello	C. Kasper	01/14/03

KUSBX-BP-KIT-SC-1

USB Type-B Plug Kit, W/Solder Cups.
 While Color: RoHS Compliant, Page 1 of 2

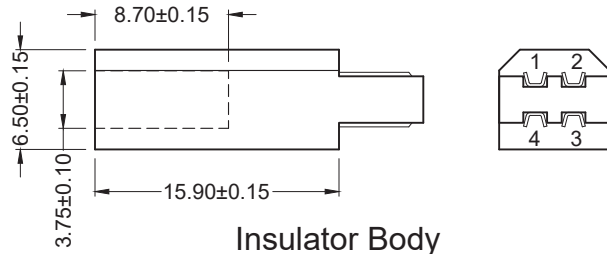
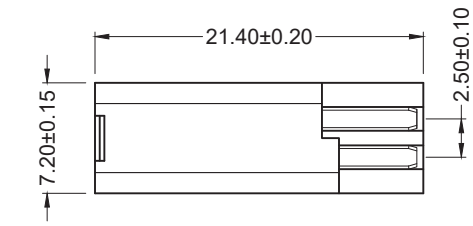
KYCON

Tolerances:
 X.X ± 0.30
 X.XX ± 0.20
 Unless Stated Otherwise

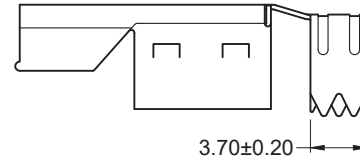
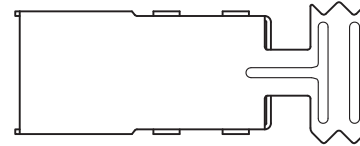
Please contact your Kycon sales representative if you require more information.

Signature: 

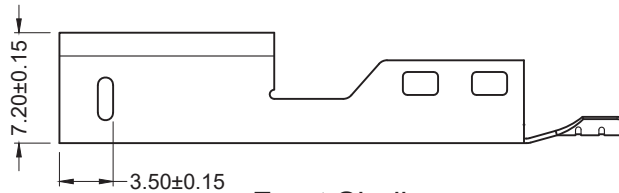
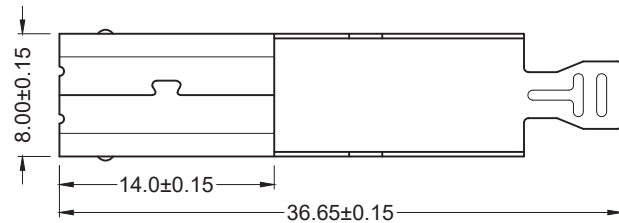
Name: Jill Scarnecchia Phone: 408-494-0330



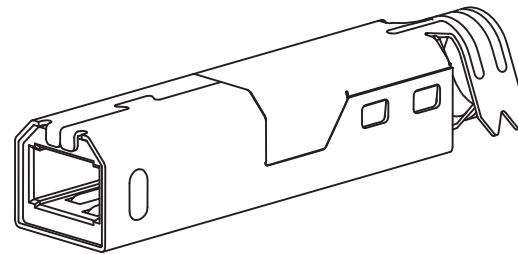
Insulator Body



Back Shell



Front Shell



Materials and Finish

Insulator: PBT Thermoplastic,
 UL 94V-0 Rated,
 Color: White
 Shell & Back Shell: Steel, Nickel Plated
 Contact Material: Brass
 Contact Plating:
 Standard: Gold Flash on Contact
 Area, Tin Plated on Solder Area,
 All Over Nickel Underplate

Electrical Characteristics

Rated Current: 1.5A Max.
 Rated Voltage: 30V AC/DC
 Insulation Resistance:
 1,000 Megohms Min. at DC 500V
 Contact Resistance:
 30 Milliohms Max.
 Dielectric Withstanding Voltage:
 500V AC RMS for 1 Minute

Mechanical Characteristics

Operating Temperature:
 -55°C to +105°C



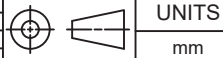
Tolerances
X.X ± 0.30
X.XX ± 0.20
Unless Stated Otherwise

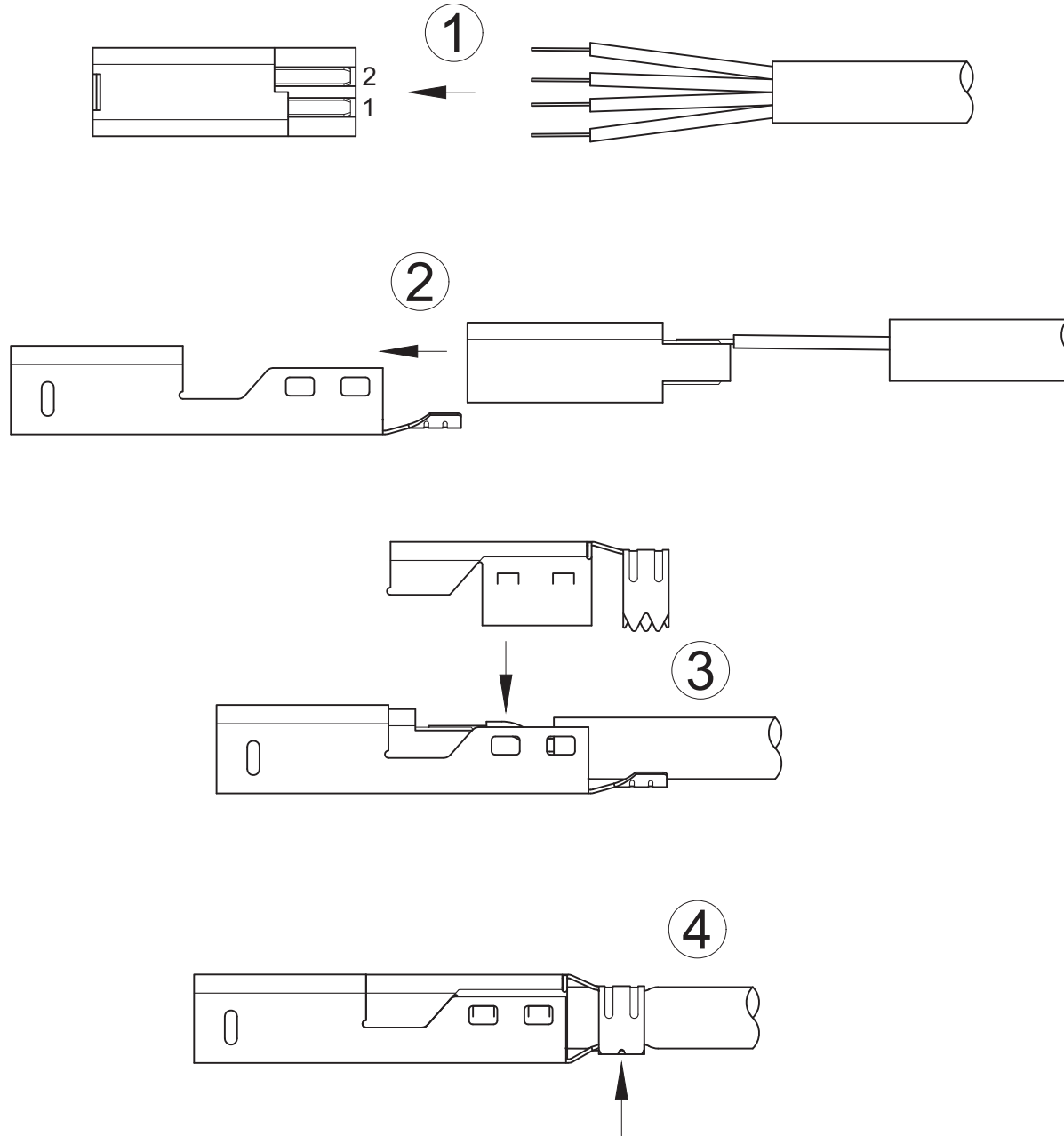
PRELIMINARY
 PART IN DESIGN
 SPECIFICATION SUBJECT TO CHANGE

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	07/20/23	New Drawing	C. Kelleher	C. Furumasu	C. Kelleher	07/14/23

KUSBX-BP-KIT-SC-1

USB Type-B Plug Kit, W/Solder Cups,
 White Color, RoHS Compliant, Page 1 of 2





Assembly Instructions

- 1) Solder cable wires to Insulator Body.
- 2) Place Insulator Body into Front Shell and push forward until firmly seated in place.
- 3) Snap Back Shell onto Front Shell.
- 4) Crimp Back Shell tail over Front Shell.



Tolerances
X.X ± 0.30
X.XX ± 0.20
Unless Stated
Otherwise

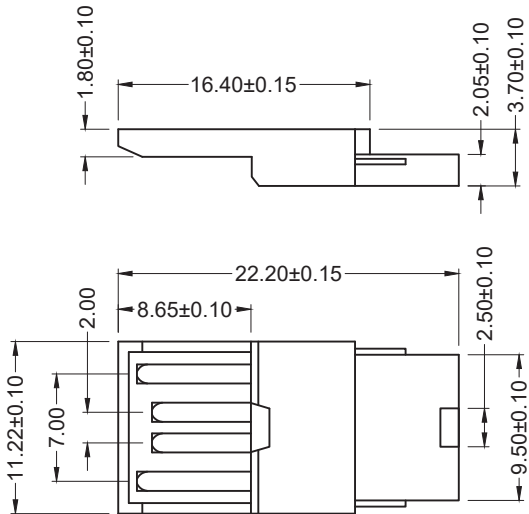
DRAWN BY	DATE
C. Kelleher	07/11/23
	UNITS
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KUSBX-BP-KIT-SC-1

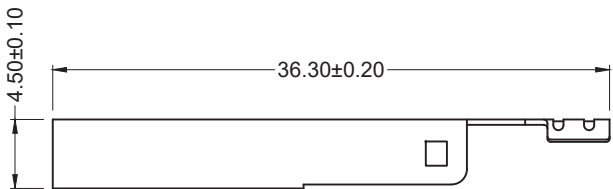
USB Type-A Plug Kit, W/Solder Cups,

White Color, RoHS Compliant, Page 2 of 2

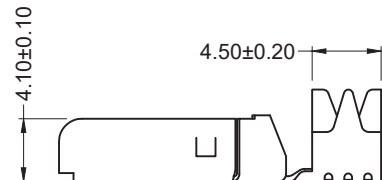
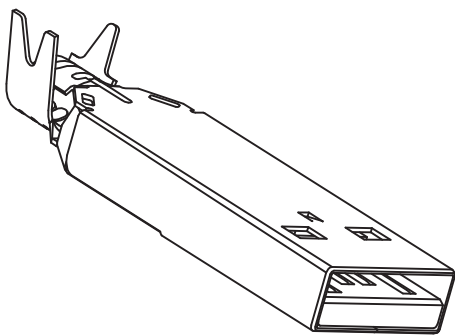
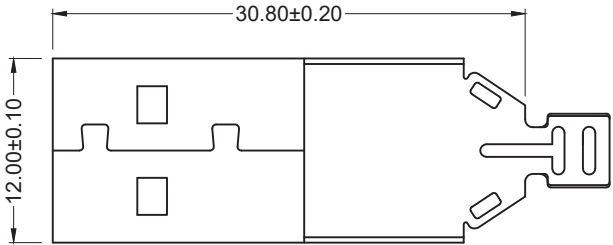




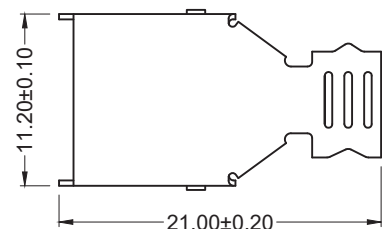
Insulator



Shell



Back Shell



Materials and Finish

Insulator: PBT Thermoplastic, UL 94V-0 Rated, Color: Black or White
 Shell & Back Shell: Steel, Nickel Plated
 Contact Material: Brass
 Contact Plating Options:
 Standard: Gold Flash on Contact Area, Tin Plated on Solder Area, All Over Nickel Underplate
 30 Option: 30u" Gold Plated on Contact Area, Tin Plated on Solder Area, All Over Nickel Underplate

Electrical Characteristics

Rated Current: 1.5A Max.
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 Dielectric Withstanding Voltage: 500V AC RMS for 1 Minute

Mechanical Characteristics

Operating Temperature: -55°C to +105°C

PRELIMINARY
 PART IN DESIGN
 SPECIFICATION SUBJECT TO CHANGE

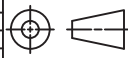
Part Number	Insulator Color	Contact Area Plating Finish
KUSBX-AP-KIT-SC-1	White	Gold Flash (standard)
KUSBX-AP-KIT-SC30-1	White	30u" Gold (30 option)
KUSBX-AP-KIT-SCBLK-1	Black	Gold Flash (standard)



Tolerances
X.X ± 0.30
X.XX ± 0.20
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	07/20/23	New Drawing	C. Kelleher	C. Furumasu	C. Kelleher	07/11/23

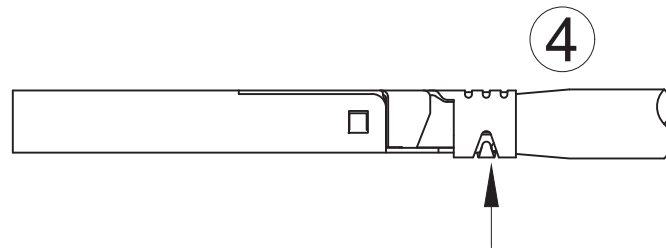
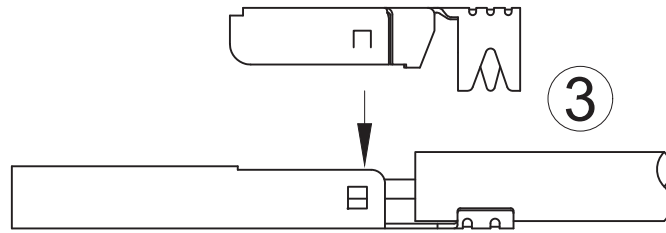
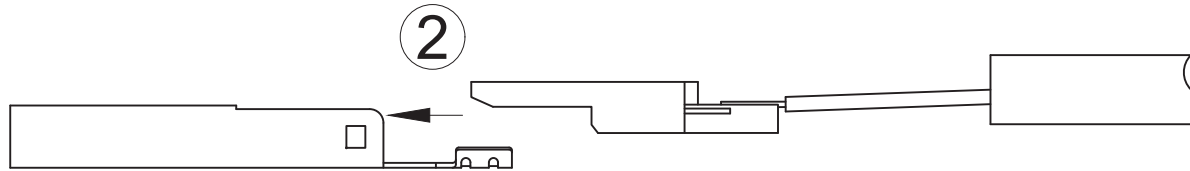
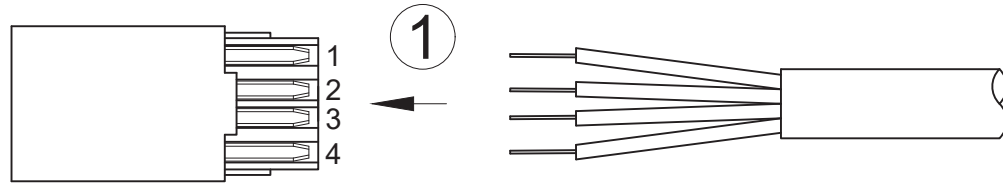
KUSBX-AP-KIT-SC-1



UNITS
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USB Type-A Plug Kit, W/Solder Cups, White
 or Black Color, RoHS Compliant, Page 1 of 2





Assembly Instructions

- 1) Solder cable wires to Insulator Body.
- 2) Place Insulator Body into Front Shell and push forward until firmly seated in place.
- 3) Snap Back Shell onto Front Shell.
- 4) Crimp Back Shell tail over Front Shell.



Tolerances
X.X ± 0.30
X.XX ± 0.20
Unless Stated
Otherwise

DRAWN BY	DATE
C. Kelleher	07/11/23
	UNITS
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KUSBX-AP-KIT-SC-1

USB Type-A Plug Kit, W/Solder Cups, White
or Black Color, RoHS Compliant, Page 2 of 2

