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YOUR ONLINE RESOURCE FOR

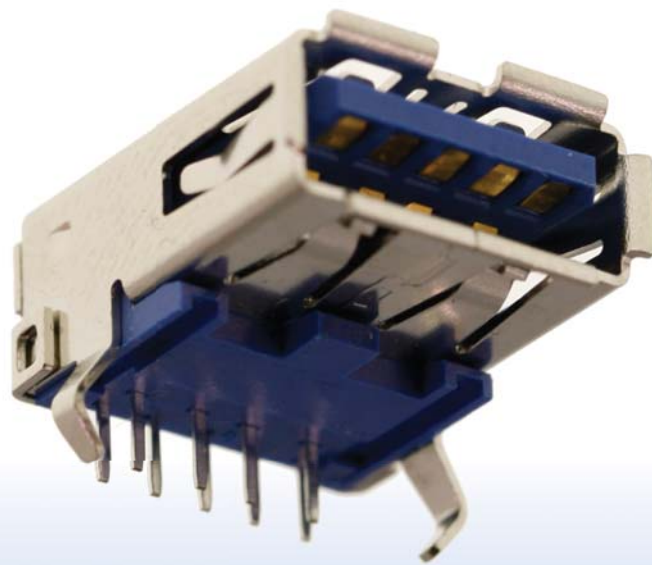
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Electronics, Inc.



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USB & IEEE



WAVS



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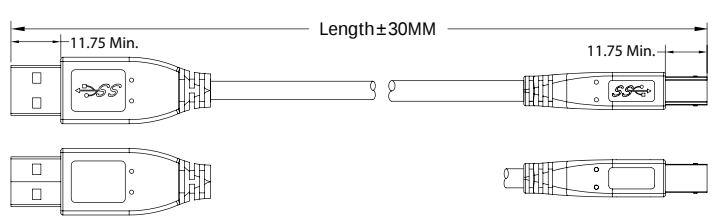
USB CABLES

USB Cable A to B, Male to Male, Version 3.0

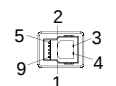
USB & IEEE
IDC &
Flat Ribbon
& Jumpers
IC, PLCC, Pin



USB 3.0 A/M 9Pin
INS:Blue(PT 300C)



USB 3.0 B/M 9Pin
INS:Blue(PT 300C)



Material:

Cable: UL2725, OD ø5.2MM
Insulator color: Polyolefin Blue
Molded Housing
9-wire cable, shielded - AWG28



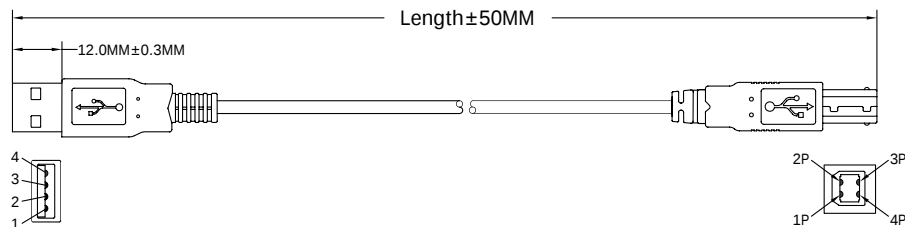
NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color
AK672/3-1-R	1.0	3.0	Black	AK672/3-3-R	3.0	3.0	Black
AK672/3-2-R	2.0	3.0	Black	AK672/3-5-R	5.0	3.0	Black

USB Cable A to B, Male to Male, Version 1.1 & 2.0

DSUB &
Centronics
Waterproof
DVI & HDMI
Modular
Fiber-Optic
Power Cords
Wire to Board



Material:

Cable: UL2725, OD ø4.7MM
Insulator color: White
Molded Housing
4-wire cable, shielded - 2 x 24AWG, 2 x 28AWG



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color
AK672-1-R	1.0	1.1	Beige	AK672/2-1-R	1.0	2.0	Beige
AK672-2-R	2.0	1.1	Beige	AK672/2-2-R	2.0	2.0	Beige
AK672-3-R	3.0	1.1	Beige	AK672/2-3-R	3.0	2.0	Beige
AK672-5-R	5.0	1.1	Beige	AK672/2-5-R	5.0	2.0	Beige
AK672-1-BLACK-R	1.0	1.1	Black	AK672/2-1-BLACK-R	1.0	2.0	Black
AK672-2-BLACK-R	2.0	1.1	Black	AK672/2-2-BLACK-R	2.0	2.0	Black
AK672-3-BLACK-R	3.0	1.1	Black	AK672/2-3-BLACK-R	3.0	2.0	Black
AK672-5-BLACK-R	5.0	1.1	Black	AK672/2-5-BLACK-R	5.0	2.0	Black

High Quality USB Cable A to B, Male to Male, Version 1.1

SATA &
eSATA
FFC/FPC
MiniDIN &
Audio

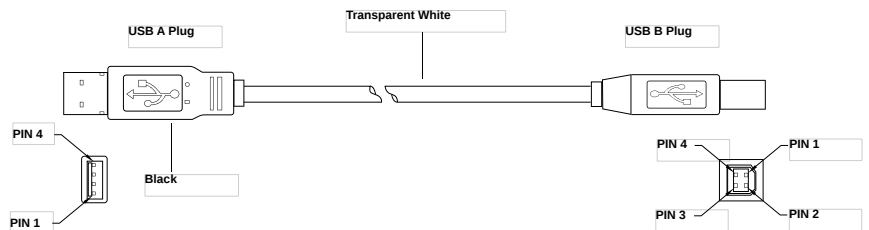


Material:

Cable: UL2725, Transparent
Insulator color: White
Molded Housing
4-wire cable, shielded - 2 x 24AWG, 2 x 28AWG



*USB 2.0 Compatible



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color
AK672-1HQC-R	1.0	1.1	AK670/3-3-R	3.0	3.0	Black
AK670/3-2-R	2.0	3.0	AK670/3-5-R	3.0	3.0	Black

USB Color Transparent Cable A to B, Male to Male, Version 1.1

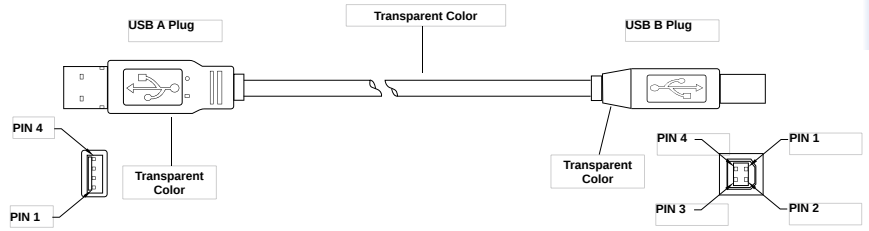


Material:

Cable: UL2835, OD ø4.7MM
Insulator color: White
Molded Housing
4-wire cable, shielded - 2 x 24AWG, 2 x 28AWG



***USB 2.0 Compatible**



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

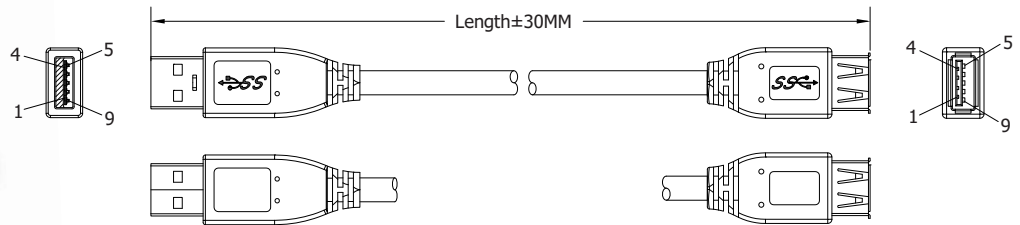
Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color
AK672MB-R	2.0	1.1	Blue	AK672MG-R	2.0	1.1	Purple
AK672ML-R	2.0	1.1	Green	AK672MS-R	2.0	1.1	Red
AK672MT-R	2.0	1.1	Orange				

USB Extension Cable A to A, Male to Female, Version 3.0



Material:

Cable: UL2725, OD ø5.2MM
Insulator color: Polyolefin Blue
Molded Housing
9-wire cable, shielded - AWG28



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

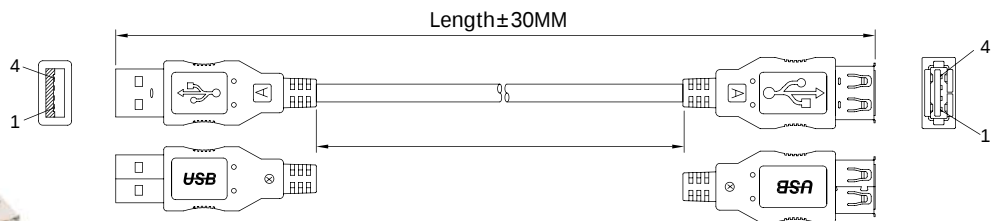
Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color
AK669/3-2-R	2.0	3.0	Black	AK669/3-5-R	5.0	3.0	Black
AK669/3-3-R	3.0	3.0	Black				

USB Extension Cable A to A, Male to Female, Version 1.1 & 2.0



Material:

Cable: UL2725
Insulator color: White
Molded Housing
4-wire cable, shielded - 2 x 24AWG, 2 x 28AWG



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color
AK669-18-R	1.8	1.1	Beige	AK669/2-18-R	1.8	2.0	Beige
AK669-30-R	3.0	1.1	Beige	AK669/2-30-R	3.0	2.0	Beige
AK669-50-R	5.0	1.1	Beige	AK669/2-50-R	5.0	2.0	Beige
AK669-18-BLACK-R	1.8	1.1	Black	AK669/2-18-BLACK-R	1.8	2.0	Black
AK669-30-BLACK-R	3.0	1.1	Black	AK669/2-30-BLACK-R	3.0	2.0	Black
AK669-50-BLACK-R	5.0	1.1	Black	AK669/2-50-BLACK-R	5.0	2.0	Black

USB CABLES

USB Cable A to A, Male to Male, Version 3.0

USB & IEEE

IDC &
Flat Ribbon
& Jumper
IC, PLCC, Pin

DSUB &
Centronics

Waterproof

DVI & HDMI

Modular

Fiber-Optic

Power Cords

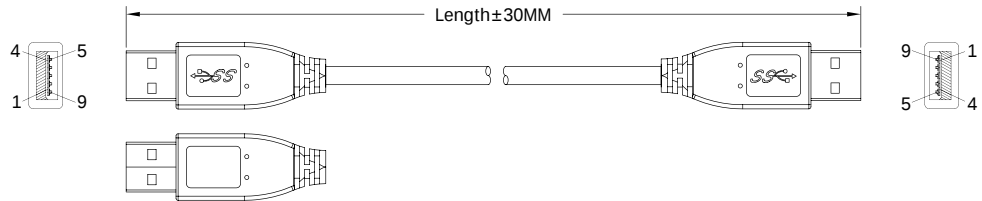
Wire to Board

SATA &
eSATA

FFC/FFC

MiniDIN &
Audio

KVM Cables



Material:

Cable: UL2725, OD ø5.2MM
Insulator color: Polyolefin Blue
Molded Housing
9-wire cable, shielded - AWG28

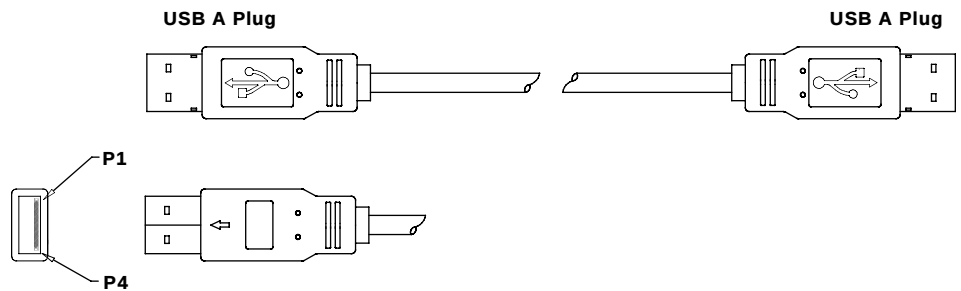


Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color
AK670/3-1-R	1.0	3.0	Black	AK670/3-3-R	3.0	3.0	Black
AK670/3-2-R	2.0	3.0	Black	AK670/3-5-R	5.0	3.0	Black

USB Cable A to A, Male to Male, Version 1.1 & 2.0



Material:

Cable: UL2725, OD ø4.7MM
Insulator color: White
Molded Housing
4-wire cable, shielded - 2 x 24AWG, 2 x 28AWG



Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color
AK670-1-R	1.0	1.1	Beige	AK670/2-1-R	1.0	2.0	Beige
AK670-2-R	2.0	1.1	Beige	AK670/2-2-R	2.0	2.0	Beige
AK670-3-R	3.0	1.1	Beige	AK670/2-3-R	3.0	2.0	Beige
AK670-5-R	5.0	1.1	Beige	AK670/2-5-R	5.0	2.0	Beige
AK670/2-1-BLACK-R	1.0	2.0	Black	AK670/2-3-BLACK-R	3.0	2.0	Black
AK670/2-2-BLACK-R	2.0	2.0	Black	AK670/2-5-BLACK-R	5.0	2.0	Black

USB Cable Open End, Male, Version 1.1 & 2.0

Type A



Type B



Material:

Cable: UL2725
Insulator color: White
Molded Housing
4-wire cable, shielded - 2 x 24AWG, 2 x 28AWG



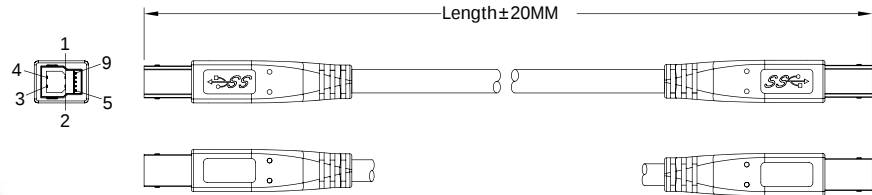
Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Plug Type	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Plug Type
AK670-OE-R	2.0	1.1	Beige	A	AK670/2-OE-R	2.0	2.0	Beige	A
AK673-OE-R	2.0	1.1	Beige	B	AK673/2-OE-R	2.0	2.0	Beige	B
AK670-OE-BLACK-R	2.0	1.1	Black	A	AK670/2-OE-BLACK-R	2.0	2.0	Black	A

USB Cable B to B, Male to Male, Version 3.0



Material:

Cable: UL2725, OD ø5.2MM
Insulator color: Polyolefin Blue
Molded Housing
9-wire cable, shielded - AWG28



Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

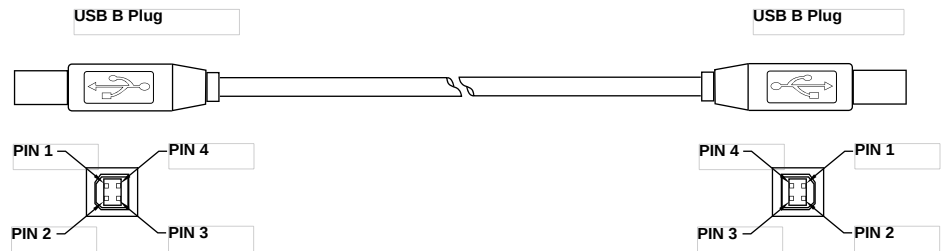
Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color
AK673/3-1-R	1.0	3.0	Black	AK673/3-3-R	3.0	3.0	Black
AK673/3-2-R	2.0	3.0	Black	AK673/3-5-R	5.0	3.0	Black

USB Cable B to B, Male to Male, Version 1.1 & 2.0



Material:

Cable: UL2725, OD ø4.7MM
Insulator color: White
Molded Housing
4-wire cable, shielded - AWG28



Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

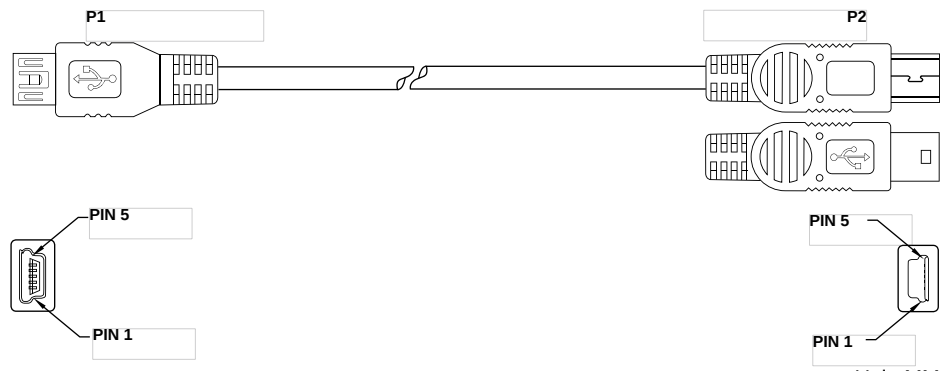
Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color
AK673-1-R	1.0	1.1	Beige	AK673/2-1-R	1.0	2.0	Beige
AK673-2-R	2.0	1.1	Beige	AK673/2-2-R	2.0	2.0	Beige
AK673-3-R	3.0	1.1	Beige	AK673/2-3-R	3.0	2.0	Beige
AK673-5-R	5.0	1.1	Black	AK673/2-5-R	5.0	2.0	Black

USB Extension Cable Mini B to Mini B, Male to Female, Version 1.1 & 2.0



Material:

Cable: UL2725, OD ø3.8MM
Molded Housing
4-wire cable, shielded - AWG28



Unit: MM

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Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color
AK669M-1-R	1.0	1.1	Black	AK669M/2-1-R	1.0	2.0	Black
AK669M-2-R	2.0	1.1	Black	AK669M/2-2-R	2.0	2.0	Black

USB CABLES

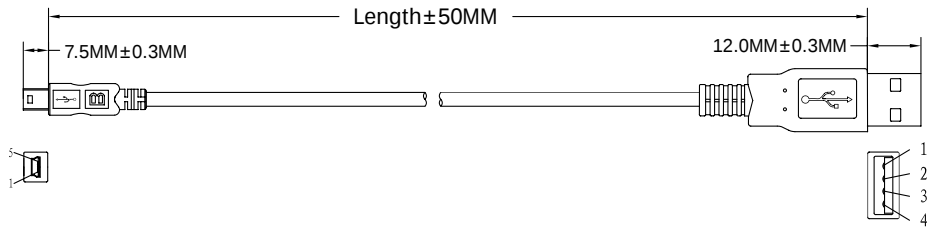
USB Cable A to Mini B, Male to Male, Version 1.1 & 2.0 (4 pin & 5 pin)

USB & IEEE

IDC &
Flat Ribbon

IC, PLCC, Pin
& Jumpers

DSUB &
Centronics



Material:

Cable: UL2725, OD ø3.8MM
Molded Housing
4-wire cable, shielded - AWG28



Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	#Pins	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	#Pins	Color
AK672M-1-R	1.0	1.1	5	Black	AK670M-1-R	1.0	1.1	4	Black
AK672M-2-R	2.0	1.1	5	Black	AK670M-2-R	2.0	1.1	4	Black
AK672M-3-R	3.0	1.1	5	Black	AK670M-3-R	3.0	1.1	4	Black
AK672M-5-R	5.0	1.1	5	Black	AK670M-5-R	5.0	1.1	4	Black
AK672M/2-1-R	1.0	2.0	5	Black	AK670M/2-1-R	1.0	2.0	4	Black
AK672M/2-2-R	2.0	2.0	5	Black	AK670M/2-2-R	2.0	2.0	4	Black
AK672M/2-3-R	3.0	2.0	5	Black	AK670M/2-3-R	3.0	2.0	4	Black
AK672M/2-5-R	5.0	2.0	5	Black	AK670M/2-5-R	5.0	2.0	4	Black
AK672M-1-GR-R	1.0	1.1	5	Grey	AK670M-1-GR-R	1.0	1.1	4	Grey
AK672M-2-GR-R	2.0	1.1	5	Grey	AK670M-2-GR-R	2.0	1.1	4	Grey
AK672M-3-GR-R	3.0	1.1	5	Grey	AK670M-3-GR-R	3.0	1.1	4	Grey
AK672M-5-GR-R	5.0	1.1	5	Grey	AK670M-5-GR-R	5.0	1.1	4	Grey
AK672M/2-1-GR-R	1.0	2.0	5	Grey	AK670M/2-1-GR-R	1.0	2.0	4	Grey
AK672M/2-2-GR-R	2.0	2.0	5	Grey	AK670M/2-2-GR-R	2.0	2.0	4	Grey
AK672M/2-3-GR-R	3.0	2.0	5	Grey	AK670M/2-3-GR-R	3.0	2.0	4	Grey
AK672M/2-5-GR-R	5.0	2.0	5	Grey	AK670M/2-5-GR-R	5.0	2.0	4	Grey

USB Cable A to Micro B, Male to Male, Version 3.0

Wire to Board

SATA &
eSATA

FFC/FPC

MinidIN &
Audio



Material:

Cable: UL2725, OD ø5.2MM
Insulator color: Polyolefin Blue
Molded Housing
9-wire cable, shielded - AWG28

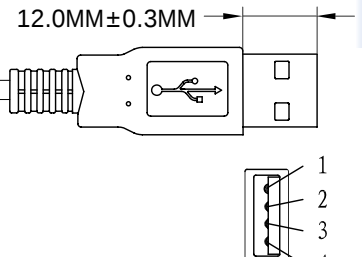
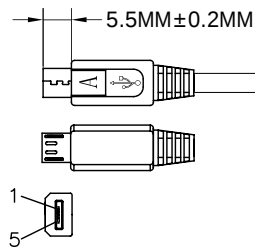


Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color
AK67421/3-1-R	1.0	3.0	Black	AK67421/3-3-R	3.0	3.0	Black
AK67421/3-2-R	2.0	3.0	Black	AK67421/3-5-R	5.0	3.0	Black

USB Cable A to Micro A, Male to Male, Version 2.0



Material:

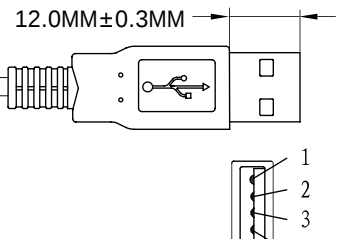
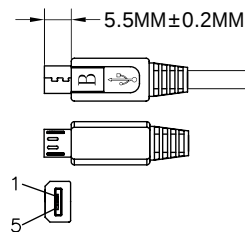
Cable: UL2725, OD ø3.5MM
Insulator color: Black
Molded Housing
4-wire cable, double shielded - AWG28



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color
AK67321-0.5-R	0.5	2.0	Black	AK67321-3-R	3.0	2.0	Black
AK67321-1-R	1.0	2.0	Black	AK67321-5-R	5.0	2.0	Black
AK67321-2-R	2.0	2.0	Black				

USB Cable A to Micro B, Male to Male, Version 2.0



Material:

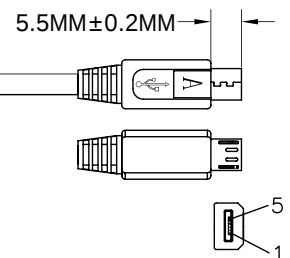
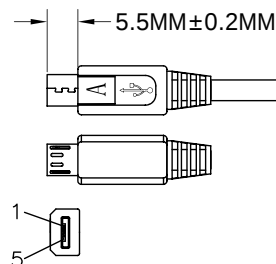
Cable: UL2725, OD ø3.5MM
Insulator color: Black
Molded Housing
4-wire cable, double shielded - AWG28



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color
AK67421-0.5-R	0.5	2.0	Black	AK67421-3-R	3.0	2.0	Black
AK67421-1-R	1.0	2.0	Black	AK67421-5-R	5.0	2.0	Black
AK67421-2-R	2.0	2.0	Black				

USB Cable Micro A to Micro A, Male to Male, Version 2.0



Material:

Cable: UL2725, OD ø3.5MM
Insulator color: Black
Molded Housing
4-wire cable, double shielded - AWG28

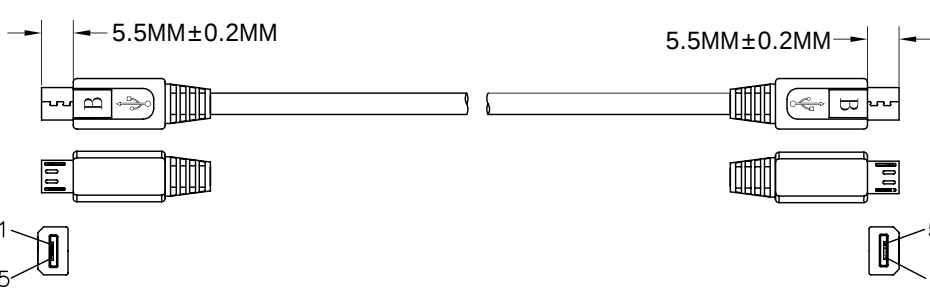


NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color
AK67301-0.5-R	0.5	2.0	Black	AK67301-3-R	3.0	2.0	Black
AK67301-1-R	1.0	2.0	Black	AK67301-5-R	5.0	2.0	Black
AK67301-2-R	2.0	2.0	Black				

USB Cable Micro B to Micro B, Male to Male, Version 2.0





Material:
 Cable: UL2725, OD ø3.5MM
 Insulator color: Black
 Molded Housing
 4-wire cable, double shielded - AWG28



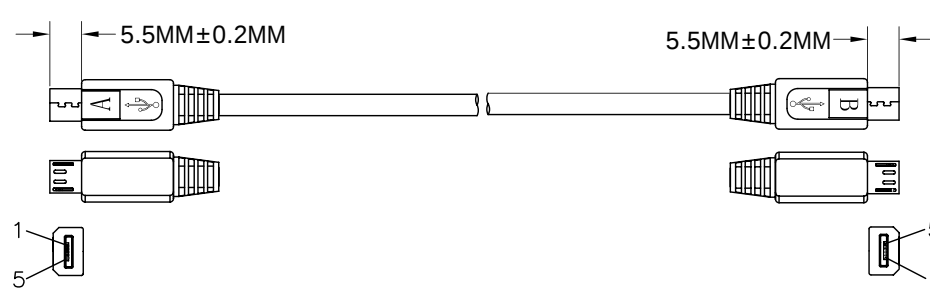
Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color
AK67401-0.5-R	0.5	2.0	Black	AK67401-3-R	3.0	2.0	Black
AK67401-1-R	1.0	2.0	Black	AK67401-5-R	5.0	2.0	Black
AK67401-2-R	2.0	2.0	Black				

USB Cable Micro A to Micro B, Male to Male, Version 2.0





Material:
 Cable: UL2725, OD ø3.5MM
 Insulator color: Black
 Molded Housing
 4-wire cable, double shielded - AWG28

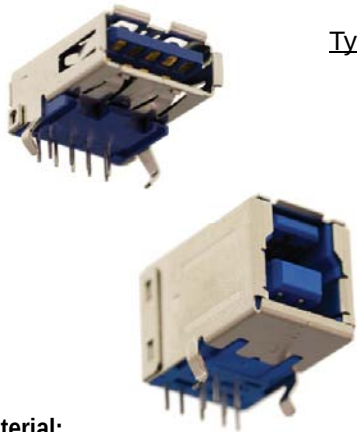


Unit: MM

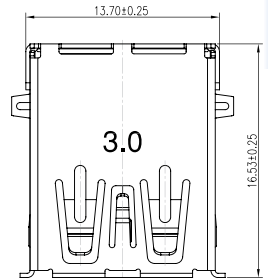
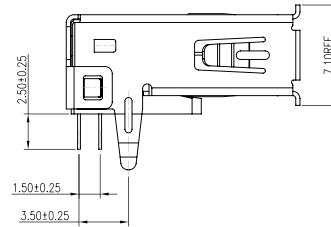
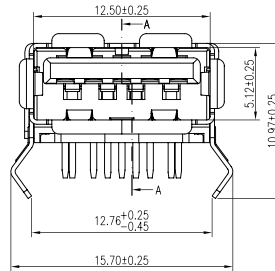
NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Version	Color
AK67501-0.5-R	0.5	2.0	Black	AK67501-3-R	3.0	2.0	Black
AK67501-1-R	1.0	2.0	Black	AK67501-5-R	5.0	2.0	Black
AK67501-2-R	2.0	2.0	Black				

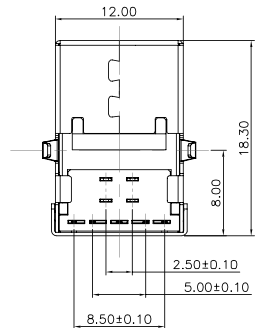
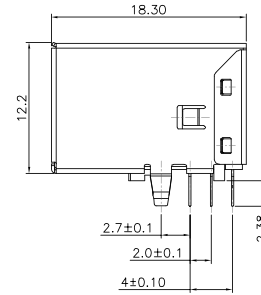
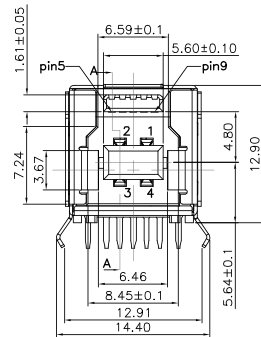
USB Connector, for PCB Mount, A & B Female Type, Version 3.0



Type A



Type B



Material:

Insulator A type: PBT UL94V-0, Blue
 Insulator B type: PBT+30% G.F. UL94V-0, Blue
 Plating: Gold Flash & Tin over Nickel
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 100MΩ Min.
 Current Rating: 1.5A
 Voltage: 30V Max.
 Withstanding Voltage: 500V AC
 Operating Temperature: -40°C ~ +85°C



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

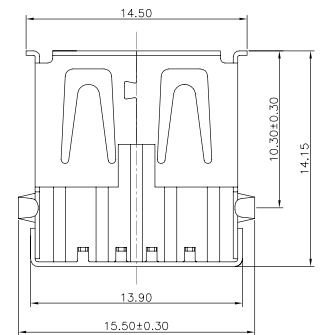
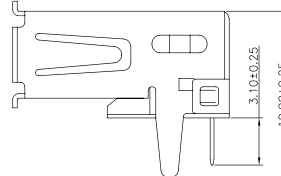
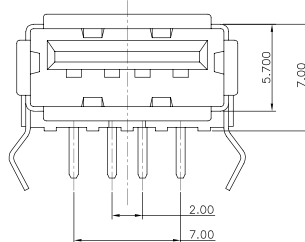
Unit: MM

Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Contact Material	Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Contact Material
AU-Y1005-3-R	A	3.0	15μ"	Brass/ Phosphor Bronze	AU-Y1007-3-R	B	2.0	15μ"	Copper/ Brass

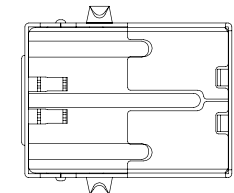
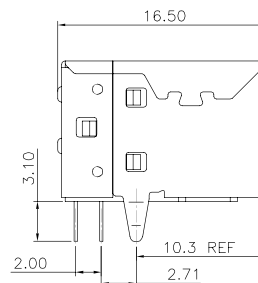
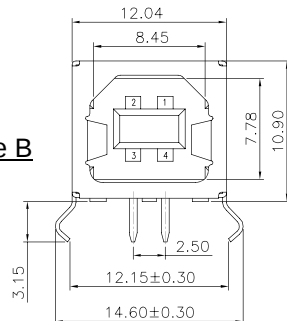
USB Connector, for PCB Mount, A & B Female Type, Version 1.1 & 2.0



Type A



Type B



Material:

Insulator: PBT+30% G.F. UL 94V-0, White
 Plating: Gold Flash & Tin over Nickel
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 1,000MΩ Min.
 Current Rating: 1.5A
 Voltage: 30V Max.
 Withstanding Voltage: 500V AC
 Operating Temperature: -55°C ~ +85°C
 Soldering Temperature: 223.3°C Max.



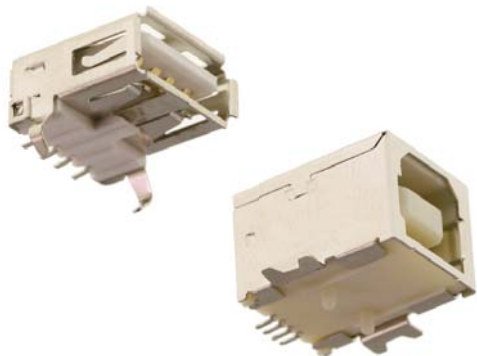
NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

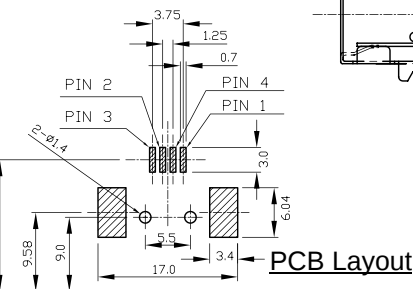
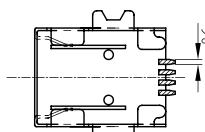
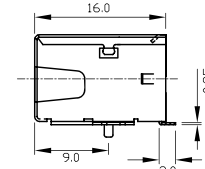
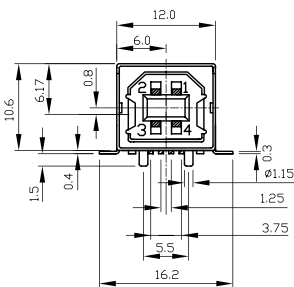
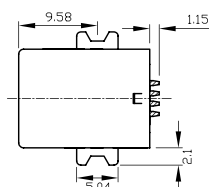
Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Contact Material	Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Contact Material
AU-Y1005-R	A	1.1	5μ"	Brass	AU-Y1007-R	B	1.1	5μ"	Phosphor Bronze
AU-Y1005-2-R	A	2.0	30μ"	Brass	AU-Y1007-2-R	B	2.0	30μ"	Phosphor Bronze

USB & IEEE
IDC & Flat Ribbon
IC, PLCC, Pin & Jumpers
DSUB & Centronics
Waterproof
DVI & HDMI
Modular
Fiber-Optic
Power Cords
Wire to Board
SATA & eSATA
FFC/FFC
MiniDIN & Audio
KVM Cables

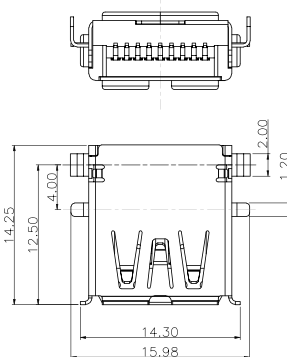
USB Connector SMT, for PCB Mount, A & B Female Type, Version 1.1, 2.0 & 3.0



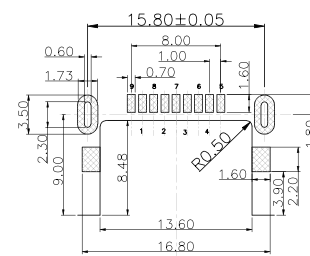
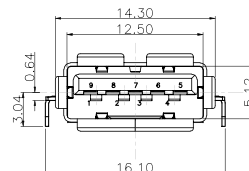
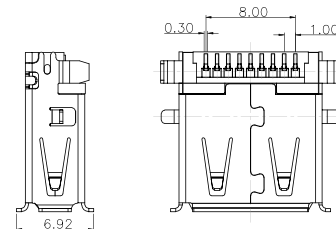
1.1 / 2.0 B Type



PCB Layout

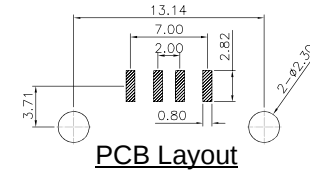
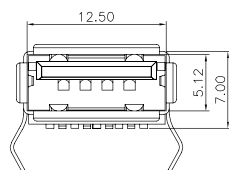
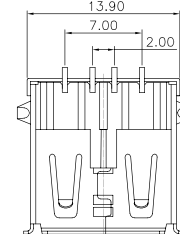
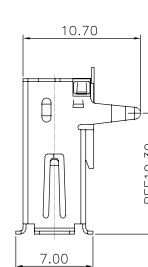
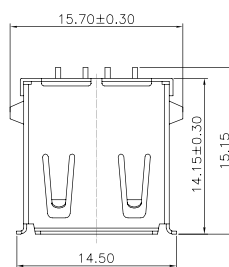


3.0 A Type



PCB Layout

1.1 / 2.0 A Type



PCB Layout

Material:

Insulator: LCP, UL 94V-0
Plating: Gold Flash & Tin over Nickel
Contact Resistance: 30mΩ Max.
Insulation Resistance: 1,000MΩ Min.
Current Rating: 1.5A
Voltage: 30V Max.
Withstanding Voltage: 500V AC
Operating Temperature: -55°C ~ +50°C (USB3.0 -40°C ~ +85°C)



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Contact Material	Soldering Temp. Max.	Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Contact Material	Soldering Temp. Max.
AU-Y1006-R A-USB-A/SMT-R	A	1.1	5μ"	Phosphor Bronze	223.3°C	A-USB-B/SMT-R	B	1.1	5μ"	Phosphor Bronze	223.3°C
AU-Y1006-2-R A-USB/2-A/SMT-R	A	2.0	30μ"	Phosphor Bronze	276.8°C	A-USB/2-B/SMT-R	B	2.0	30μ"	Phosphor Bronze	223.3°C
AU-Y1006-3-R	A	3.0	15μ"	Brass	***.°C						

USB Connector Top Entry, for PCB Mount, A & B Female Type, Version 1.1 & 2.0

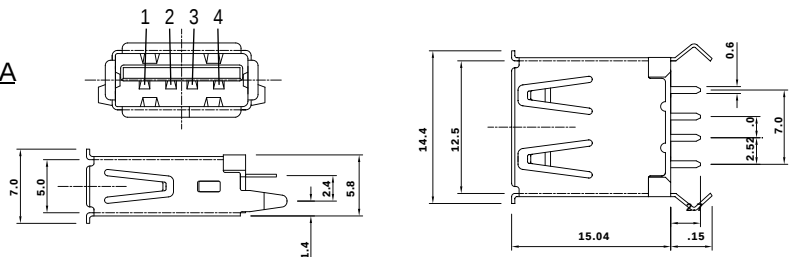


Material:

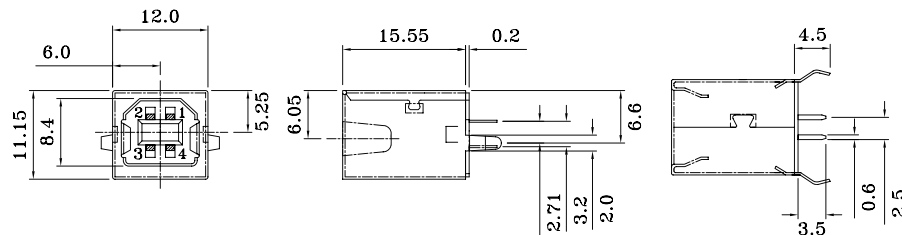
Insulator: PBT, UL94V-0
 Contact Material: Phosphor Bronze
 Shell: Brass, Finish: Nickel plated
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 1,000MΩ Min.
 Withstanding Voltage: 500V AC
 Rated Voltage & Current: 1.5A at 250V AC min



Type A



Type B



Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

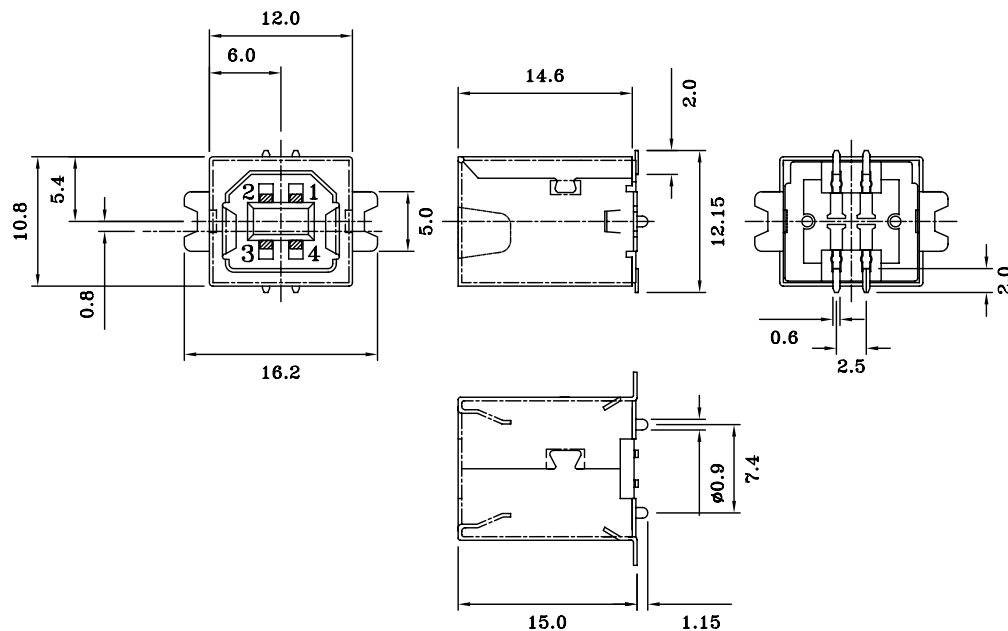
Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Assmann Part Number (Standard Stocking Item)	Type	Version	Plating
A-USB-A-TOP-R	A	1.1	5μ"	A-USB-B-TOP-R	B	1.1	5μ"
A-USB/2-A-TOP-R	A	2.0	30μ"	A-USB/2-B-TOP-R	B	2.0	30μ"

USB Connector Top Entry SMT, for PCB Mount, B Female Type, Version 1.1 & 2.0



Material:

Insulator: Nylon PA9T, UL94V-0
 Shell: Brass, Finish: Nickel plated
 Insulation Resistance: 1,000MΩ Min.
 Withstanding Voltage: 500V AC
 Rated Voltage & Current: 1.5A at 250V AC min



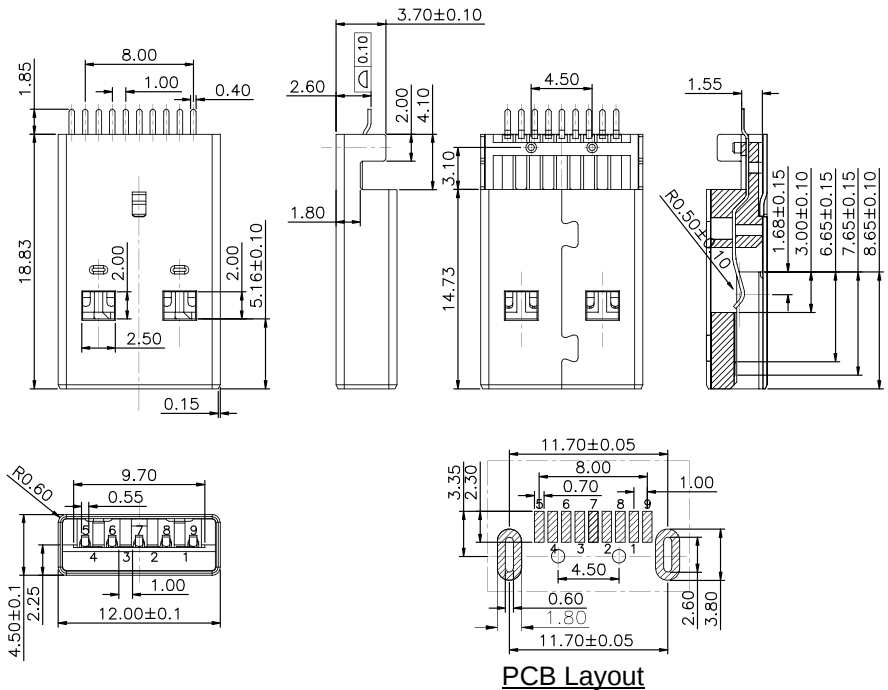
Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

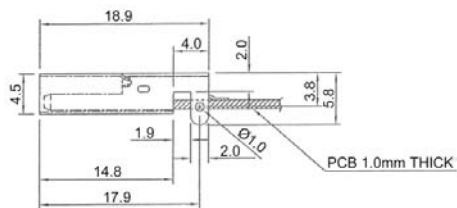
Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Contact Material	Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Contact Material
A-USB-B-SMT-TOP-R	B	1.1	5μ"	Phosphor Bronze	A-USB/2-B-SMT-TOP-R	B	2.0	30μ"	Phosphor Bronze

USB Connector, for PCB Mount, Low Profile, A Male Type, Version 1.1, 2.0 & 3.0

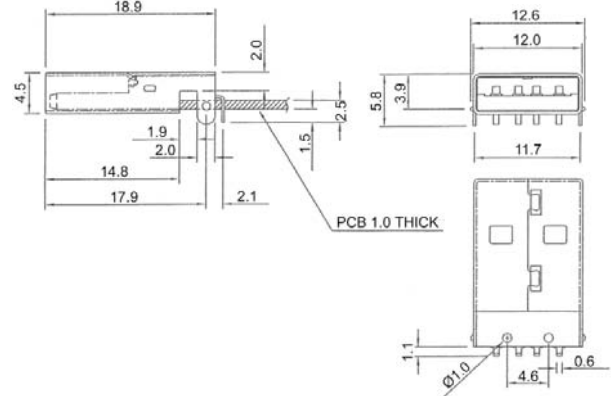
3.0 SMT



1.1 / 2.0 SMT



1.1 / 2.0 Through-Hole



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

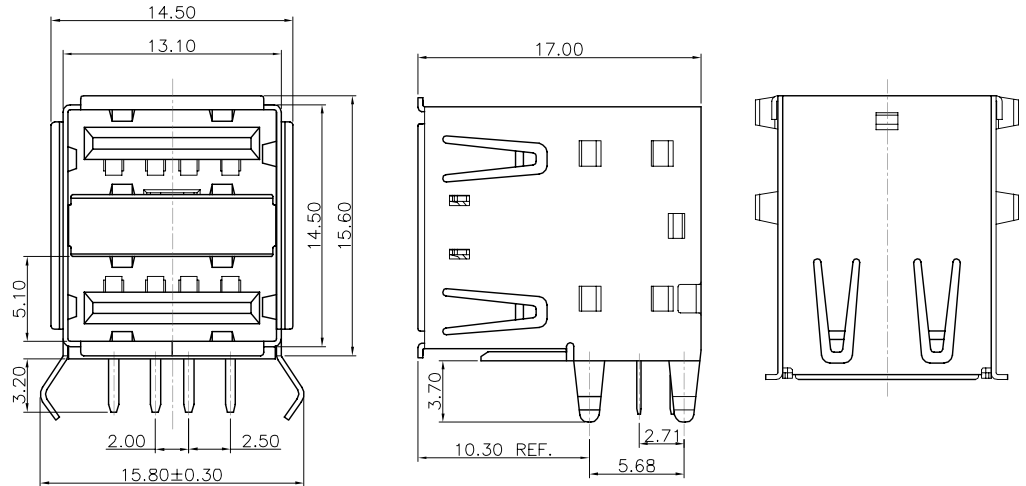
Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Mount	Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Mount
A-USB-A-LP-R	A	1.1	5μ"	Through-Hole	A-USB-A-LP/SMT-R	A	1.1	5μ"	SMT
A-USB/2-A-LP-R	A	2.0	30μ"	Through-Hole	A-USB/2-A-LP/SMT-R	A	2.0	30μ"	SMT
					A-USB/3-A-LP/SMT-R	A	3.0	15μ"	SMT

USB Connector 2-Port, for PCB Mount, A Female Type, Version 1.1 & 2.0



Material:

Insulator: PBT+30% G.F. UL 94V-0
 Contact: Brass
 Shell: Brass
 Contact plating: Gold
 Contact Shell plating: Nickel
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 1,000MΩ Min.
 Current: 1.0A Max.
 Voltage: 30V Max.
 Withstanding Voltage: 750V AC
 Soldering Temperature: 223.3°C Max.



Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

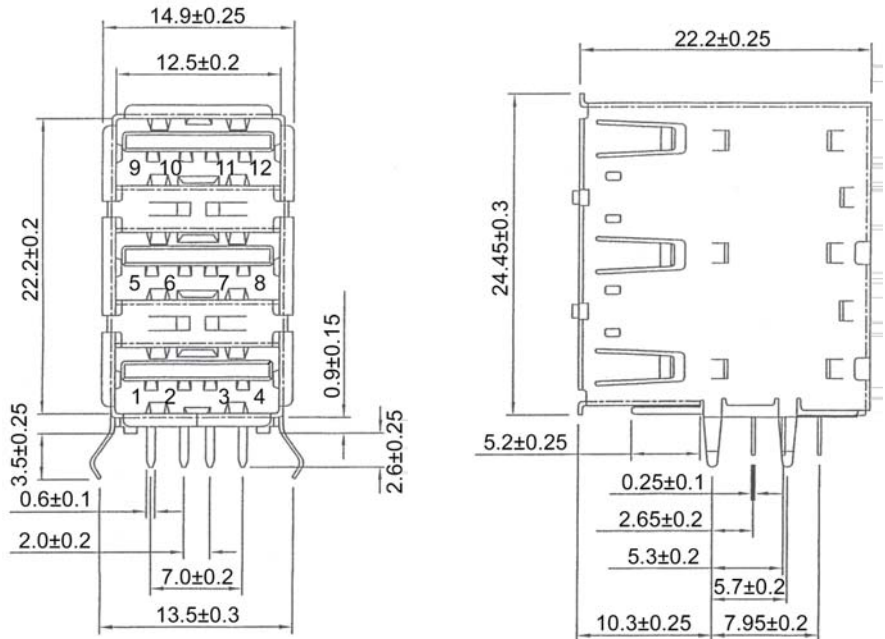
Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Insulator Color	Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Insulator Color
AU-Y1008-R	A	1.1	5μ"	Black	AU-Y1008-2-R	A	2.0	30μ"	White

USB Connector 3-Port, for PCB Mount, A Female Type, Version 1.1 & 2.0



Material:

Insulator: PBT+30% G.F. UL 94V-0
 Contact: Brass
 Shell: Brass
 Contact plating: Gold
 Contact Shell plating: Nickel
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 1,000MΩ Min.
 Current: 1.0A Max.
 Voltage: 30V Max.
 Withstanding Voltage: 750V AC

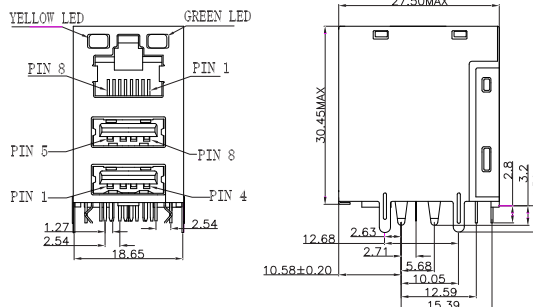
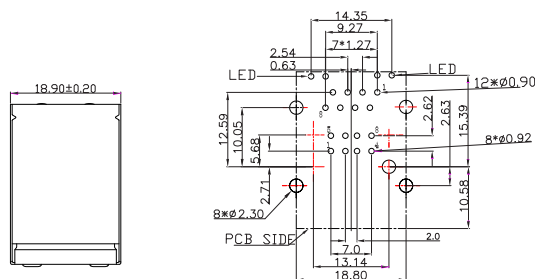


Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Insulator Color	Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Insulator Color
A-USB-A-3P-R	A	1.1	5μ"	Black	A-USB/2-A-3P-R	A	2.0	30μ"	White

USB Connector 2-Port + RJ45 port, for PCB Mount, w/2 LED, A Female Type, Version 2.0



Material:

Housing: PBT+30% G.F. UL 94V-0 Black
 Shell: SPCC, Nickel plating
 Terminal: Phosphor Bronze, Gold plated contact area, Tin plating on solder tail
 Contact Resistance: 40MΩ Max.
 Insulation Resistance: 100MΩ Min. @ 500V DC
 Current: 1.0A Max.
 Dielectric Withstanding Voltage: 500V AC for one minute
 Operating Temperature -20°C~+70°C

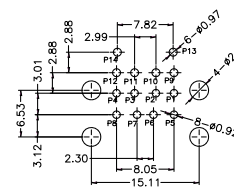
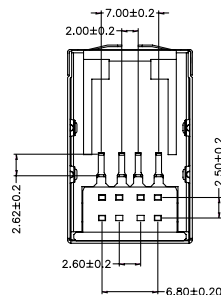
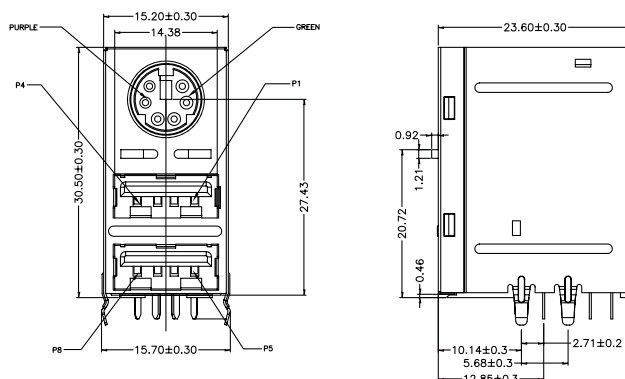


Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	USB Type	Version	Transfer Rate	Filter	Assmann Part Number (Standard Stocking Item)	USB Type	Version	Transfer Rate	Filter
A-USB-A-2P-RJ45-0-R	A	2.0	10/100	N	A-USB-A-2P-RJ45-2-R	A	2.0	1G	Y
A-USB-A-2P-RJ45-1-R	A	2.0	10/100	Y					

USB Connector 2-Port + MiniDIN port, for PCB Mount, A Female Type, Version 2.0



PCB Layout

Material:

Housing: PBT+30% G.F. UL 94V-0 Black
 Shell: SPCC, Nickel plating
 Terminal: Phosphor Bronze, Gold plated contact area, Tin plating on solder tail
 Contact Resistance: 40MΩ Max.
 Insulation Resistance: 100MΩ Min. @ 500V DC
 Current: 1.0A Max.
 Dielectric Withstanding Voltage: 500V AC for one minute
 Operating Temperature -20°C~+70°C



Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	USB Type	Version
A-USB-A-2P-MD-R	A	2.0

15

USB Assembly Type, Version 3.0

Type A

USB & IEEE

IDC &
Flat Ribbon

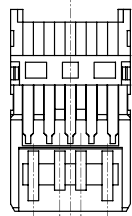
IC, PLCC, Pin
& Jumpers

DSUB &
Centronics

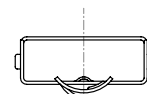
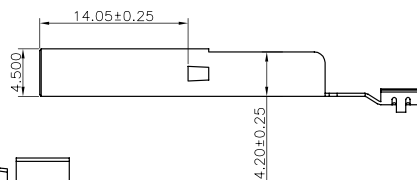
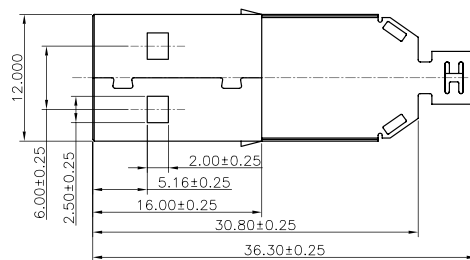
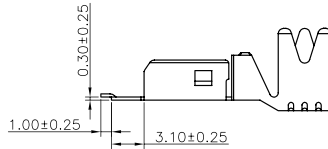
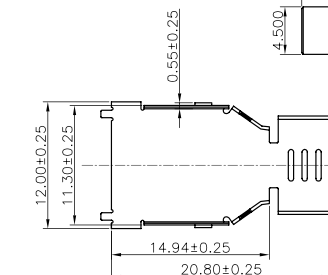
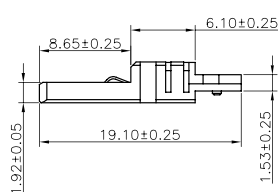
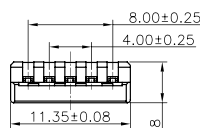
Waterproof

DVI & HDMI

Modular



2.00±0.25
7.00±0.25

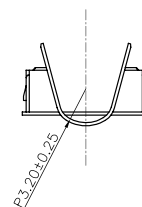


Material:

Housing: PBT+30% G.F. UL 94V-0
Contact 5P: Phosphor Bronze
Contact 4P: Brass
Shell: SPCC

Contact plating: Gold Flash & Tin over Nickel
Contact Shell plating: Nickel Plated over all
Contact Resistance: 30MΩ Max.
Insulation Resistance: 1,000MΩ Min.
Current: 1.0A Max.
Voltage: 30V Max.

Withstanding Voltage: 500V AC for 1 min.
Mating Force: 3.57KgF Max.
Unmating Force: 1.02KgF Min.



Type B

Fiber-Optic

Power Cords

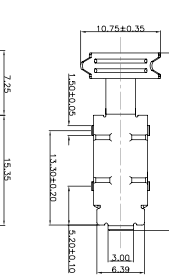
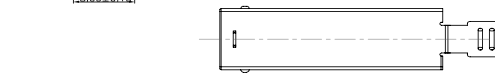
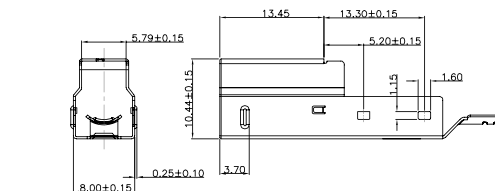
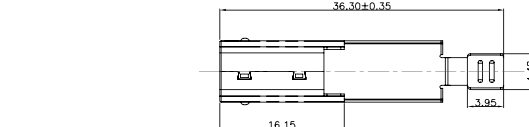
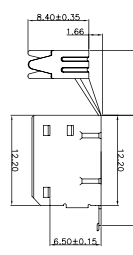
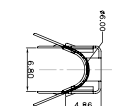
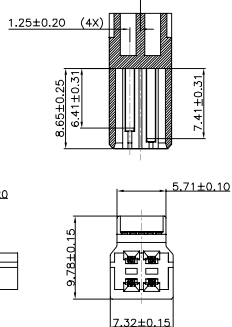
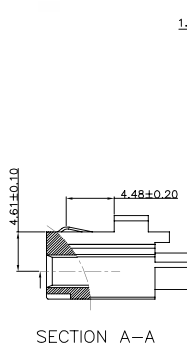
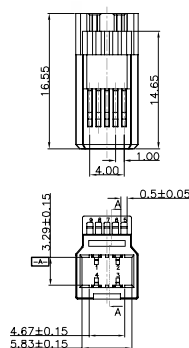
Wire to Board

SATA &
eSATA

FFC/FFC

MiniDIN &
Audio

KVM Cables



Material:

Housing: PBT, UL 94V-0
Shell: SPCC.T=0.30MM

Contact Plate: Gold Plate 15μ"
Shell: Nickel over all plating
Dielectric Withstanding Voltage: 100V AC (RMS)
Insulation Resistance: 1,000MΩ Min.
Temperature Range: -20°C ~ +85°C
Contact Resistance: - 30MΩ Max. for Pin1 & Pin4
- 50MΩ Max. for other contacts
Mating Force: 35 Newtons Max.
Unmating Force: 10 Newtons Min.

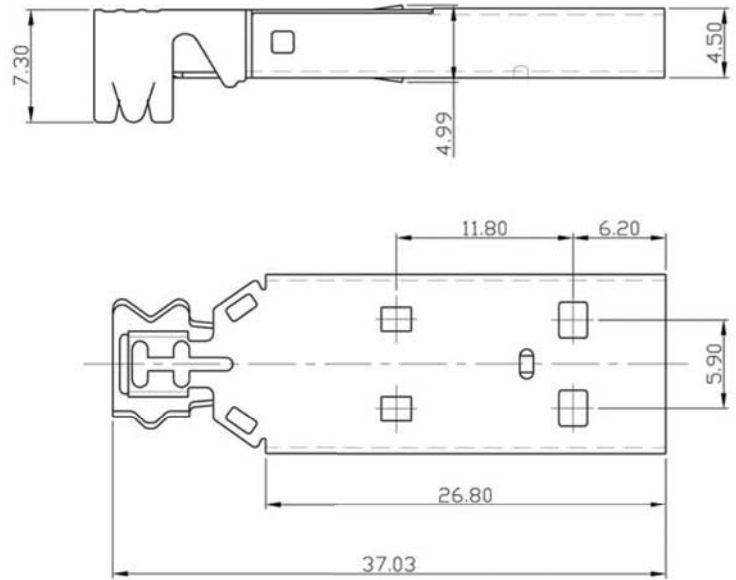
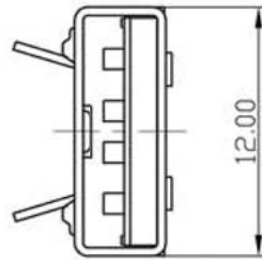


Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Type	Version	Assmann Part Number (Standard Stocking Item)	Type	Version
A-USBPA-3-R	A	3.0	A-USBPB-3-R	B	3.0

USB Assembly Type A, Version 1.1 & 2.0



Material:

Housing: Thermoplastic (PBT)
 Contact: Brass
 Shell: SPCC
 Voltage: 30V Max.
 Current: 1.0A Max.
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 1,000MΩ Min.
 Dielectric Withstanding Voltage: 750V AC

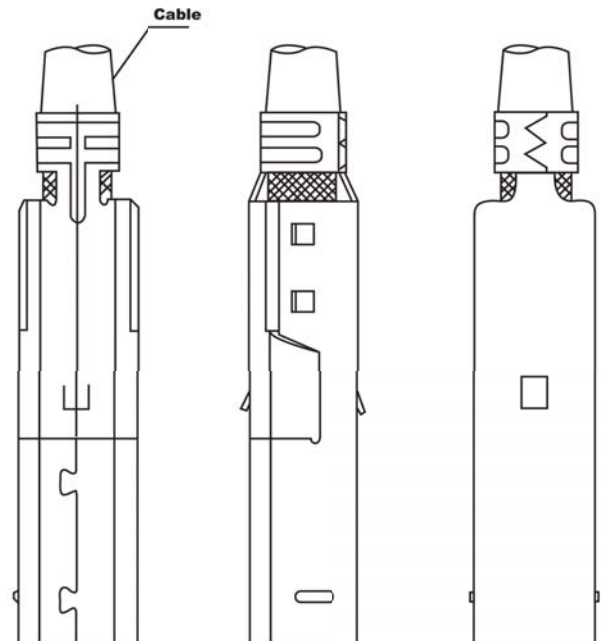
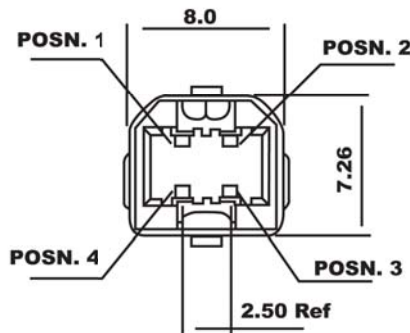


NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	Type	Version	Contact Plating	Assmann Part Number (Standard Stocking Item)	Type	Version	Contact Plating
A-USBPA-R	A	1.1	5μ" Gold	A-USBPA-2-R	A	2.0	30μ" Gold

USB Assembly Type B, Version 1.1 & 2.0



Material:

Housing: Thermoplastic, Glass filled UL 94V-0
 Contact: Copper Alloy
 Shell: Steel
 Voltage: 30V Max.
 Current: 1.5A Max.
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 1,000MΩ Min.
 Dielectric Withstanding Voltage: 500V AC



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	Type	Version	Contact Plating	Assmann Part Number (Standard Stocking Item)	Type	Version	Contact Plating
A-USBPB-R	B	1.1	5μ" Gold	A-USBPB-2-R	B	2.0	30μ" Gold

USB & IEEE

IC, PLCC, Pin
& Jumpers

**DSub &
Centronics**

Waterproof

DVI & HDMI

Modular

Fiber-Optic

Power Cords

Wire to Board

SATA & eSATA

FFC/FPC

Minidin & Audio

KVM Cables



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

USB Mini Connector SMT, 5-poles for PCB Mount, B Female Type, Version 1.1 & 2.0

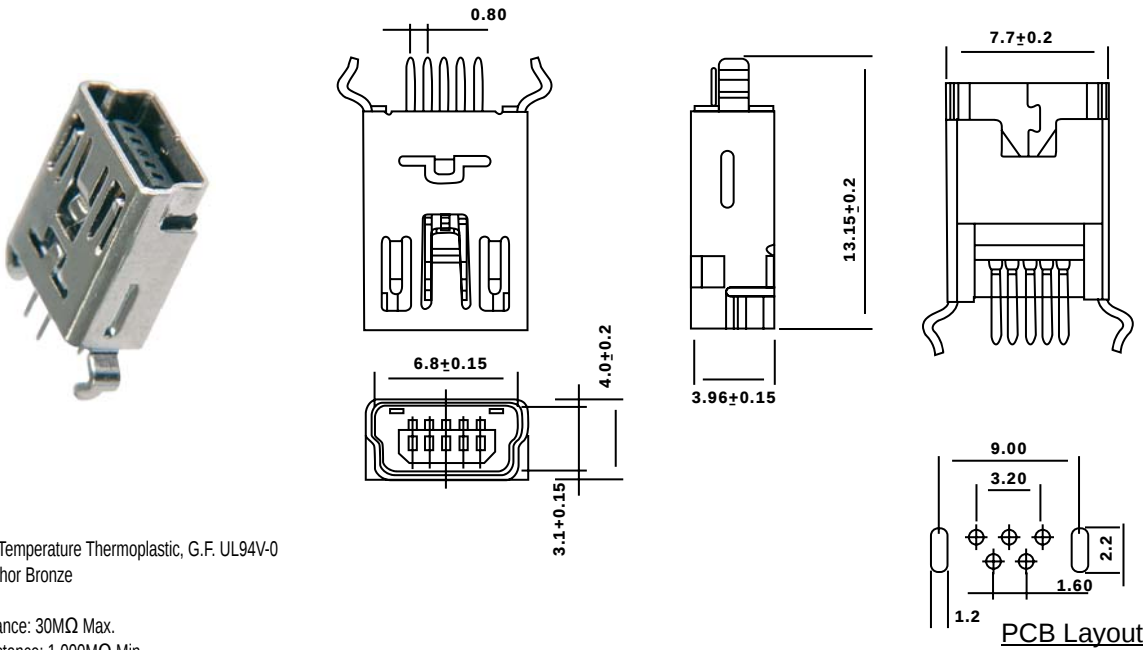


Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

18

USB Mini Connector Top Entry, 5-poles for PCB Mount, B Female Type, Version 1.1 & 2.0



Material:

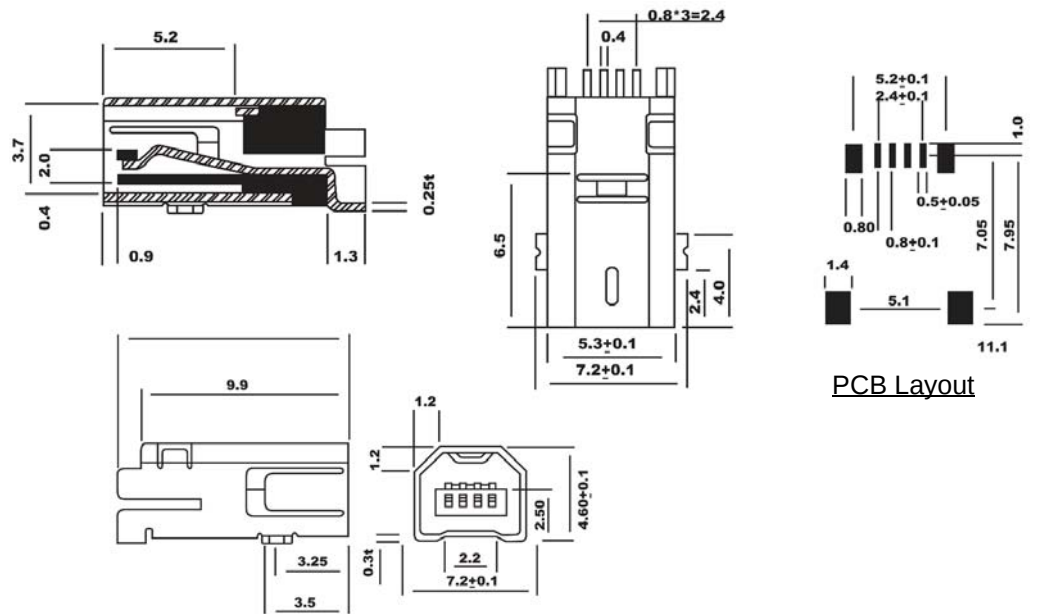
Insulator: High Temperature Thermoplastic, G.F. UL94V-0
 Contact: Phosphor Bronze
 Shell: SPCC
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 1,000MΩ Min.
 Dielectric Withstanding Voltage: 750V AC for 1 min.
 Rated Current: 1.0A



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Assmann Part Number (Standard Stocking Item)	Type	Version	Plating
A-USBB-M5-TOP-R	B	1.1	5μ"	A-USBB/2-M5-TOP-R	B	2.0	30μ"

USB Mini Connector M-Type SMT, 4-poles for PCB Mount, B Female Type, Version 1.1 & 2.0



Material:

Insulator: Nylon 45 UL94V-0
 Contact: Phosphor Bronze
 Shell: Phosphor Bronze
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 500MΩ Max.
 Current Rating: 1.0A
 Dielectric Withstanding Voltage: 500V AC



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Reel	Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Reel
A-USBB-M4-M-R	B	1.1	5μ"	1,000 pcs	A-USBB/2-M4-M-R	B	2.0	30μ"	1,000 pcs

USB & IEEE

IDC & Flat Ribbon

IC, PLCC, Pin & Jumpers

DSUB & Centronics

Waterproof

DVI & HDMI

Modular

Fiber-Optic

Power Cords

Wire to Board

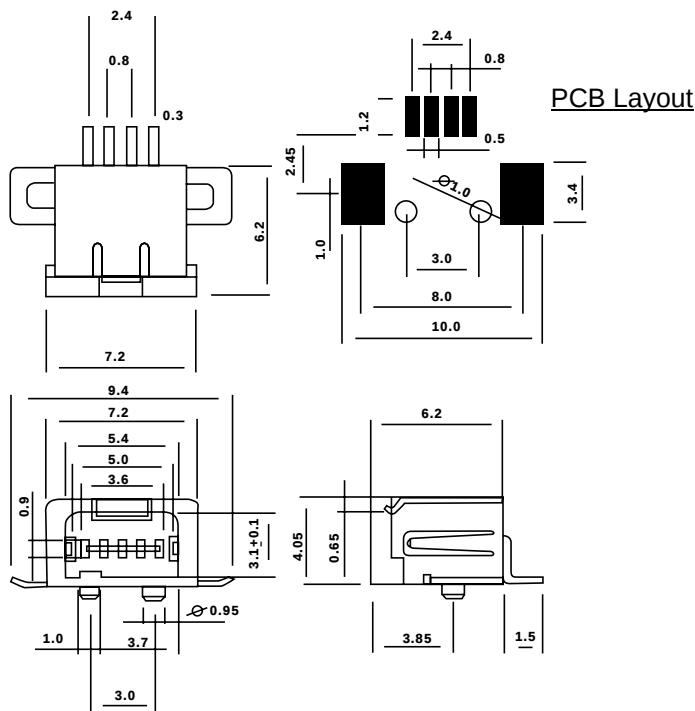
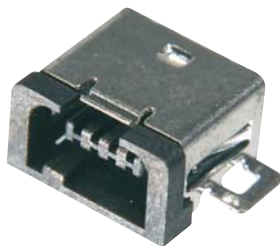
SATA & eSATA

FFC/FPIC

MiniDIN & Audio

KVM Cables

USB Mini Connector H-Type SMT, 4-poles for PCB Mount, B Female Type, Version 1.1 & 2.0



Material:

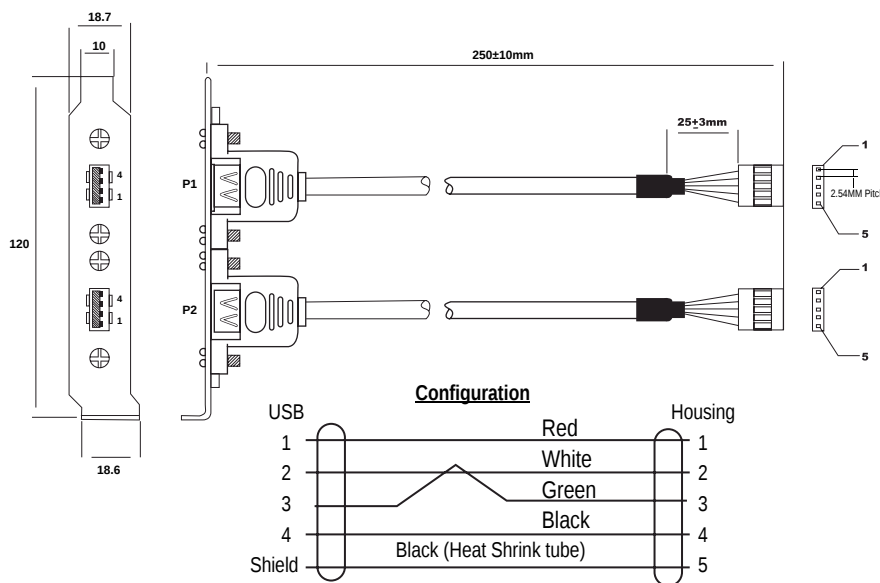
Insulator: Nylon 45 UL94V-0
Contact: Phosphor Bronze
Shell: Phosphor Bronze
Contact Resistance: 30mΩ Max.
Insulation Resistance: 500MΩ Max.
Current Rating: 1.0A
Dielectric Withstanding Voltage: 500V AC



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Reel	Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Reel
A-USBB-M4-H-R	B	1.1	5μ"	500 pcs	A-USBB/2-M4-H-R	B	2.0	30μ"	500 pcs

USB Mainboard Adapter on Slot Bracket, 2 port, A Female Type, Version 1.1



Material:

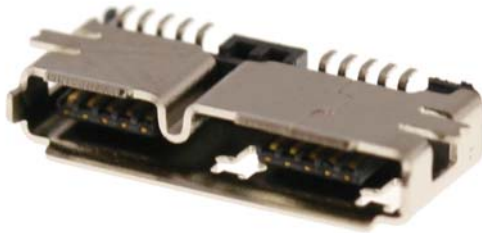
Cable: UL2725
Double Cable Shielding
2 x USB A Type Female <=> 2 x 5-pin Socket Connector, 2.54MM



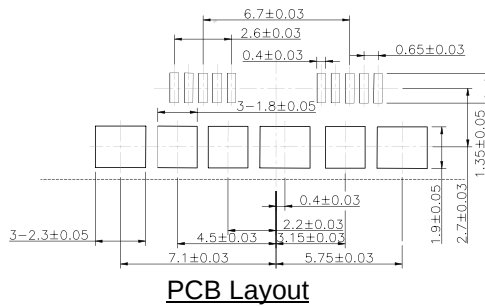
NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Type	Version
AK674-R	A	1.1

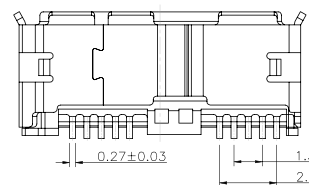
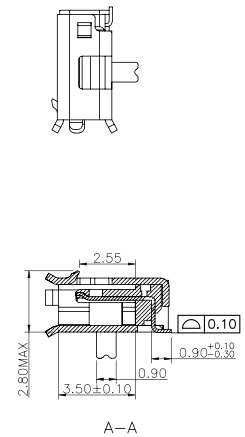
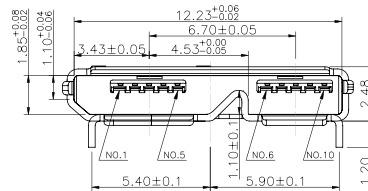
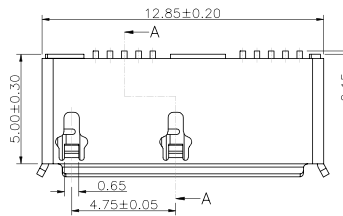
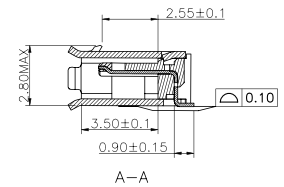
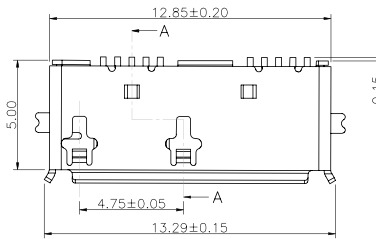
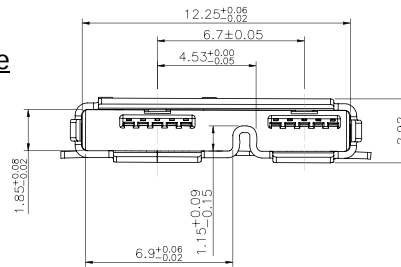
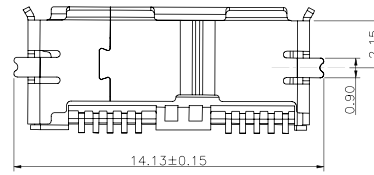
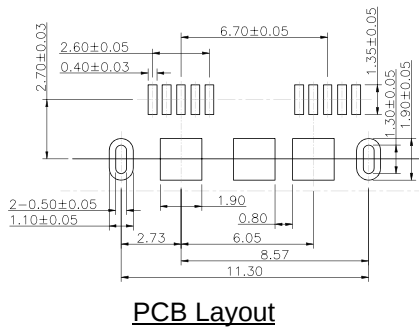
USB Micro Connector SMT, 10-pin for PCB Mount, B & AB Female Type, Version 3.0



AB Female Type



B Female Type (DIP Shell)



Material:

Insulator: LCP; Color Black
 Contact: Brass 0.15MM Thickness, Selective Gold
 Plated on Contact Area: Gold Flash on Solder Tail
 Underplated Overall: 80µ" Min Nickel
 Shell: 0.3MM Thickness, Flash.
 Plated on the soldering tab



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Assmann Part Number (Standard Stocking Item)	Type	Version	Plating
AU-Y1009/3-AB-R	AB	3.0	15µ"	AU-Y1009/3-B-R	B	3.0	15µ"

Unit: MM

USB & IEEE

IDC & Flat Ribbon

IC, PLCC, Pin & Jumpers

DSub & Centronics

Waterproof

DVI & HDMI

Modular

Fiber-Optic

Power Cords

Wire to Board

SATA & eSATA

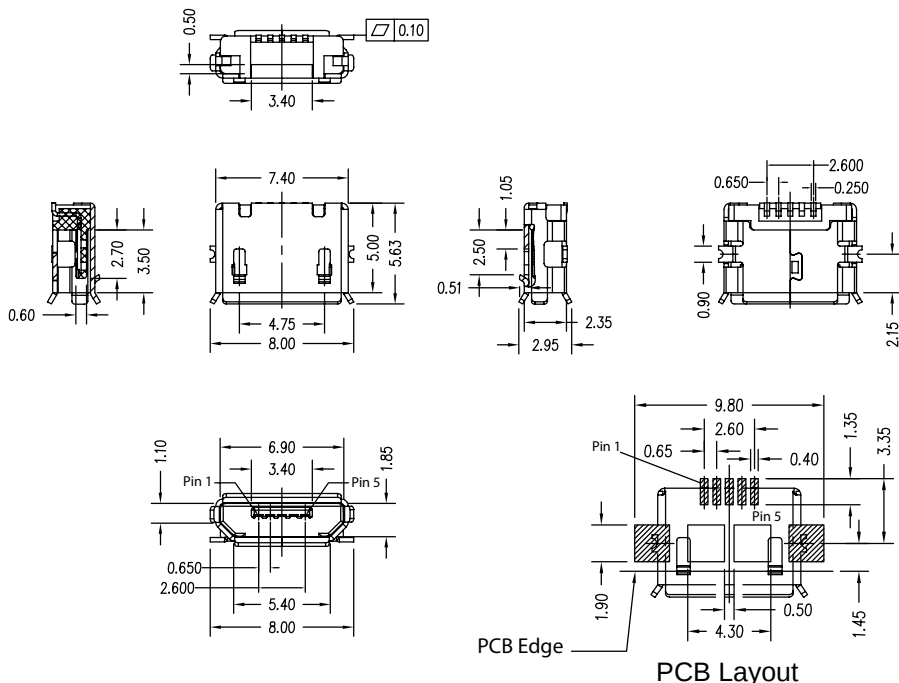
FFC/FFP

MiniDIN & Audio

KVM Cables

USB Micro Connector SMT, 5-pin for PCB Mount, B Female Type, Version 1.1

USB & IEEE
IDC &
Flat Ribbon
& Jumper
IC, PLCC, Pin
Centronics
DSUB &
Centronics



Material:

Insulator: LCP UL94V-0
Contact: Nickel & Gold plating
Shell: Tin 100µ"/Gold 30µ" plating
Contact Resistance: 30MΩ Max.
Insulation Resistance: 100MΩ Min.
Current Rating: 0.5A
Dielectric Withstanding Voltage: 250V AC
Soldering Tin Temperature: 235±5°C
Operating Temperature: -30°C ~ +80°C



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

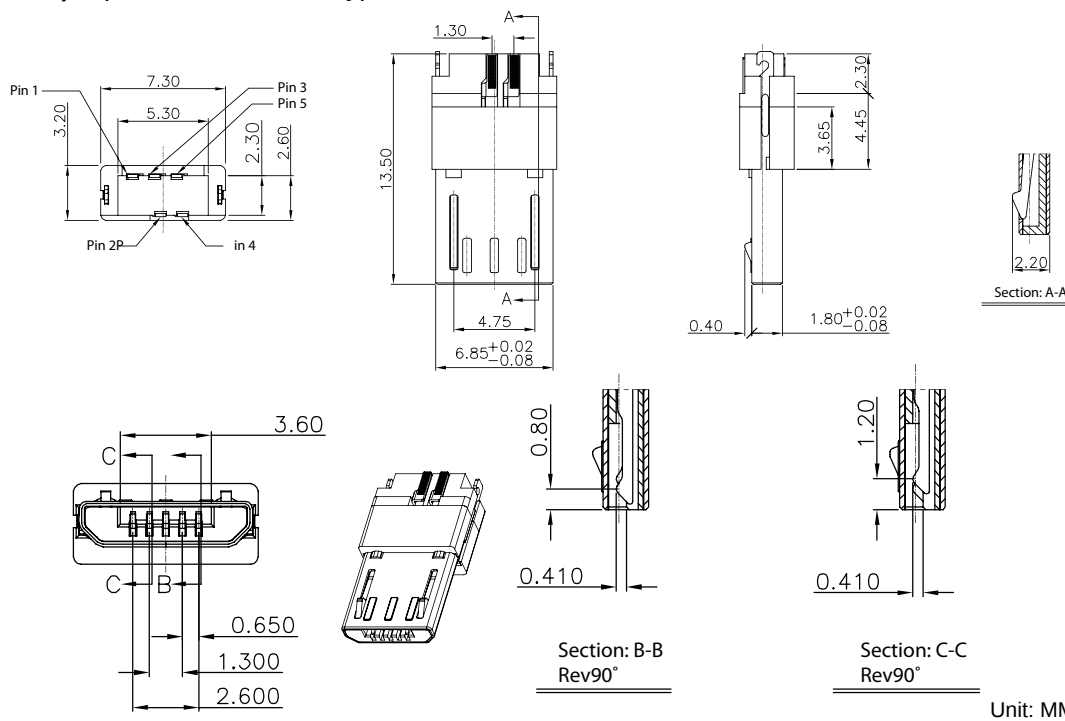
PCB Layout

Unit: MM

Assmann Part Number (Standard Stocking Item)	Type	Version	Plating	Assmann Part Number (Standard Stocking Item)	Type	Version	Plating
AU-Y1009-R	B	1.1	5µ"	AU-Y1009-2-R	B	2.0	30µ"

USB Micro Connector, 5-pin, B Male Solder Type, Version 1.1

Fiber-Optic
Power Cords
Wire to Board
SATA &
eSATA



Material:

Insulator: LCP+30%GF Rated
Contact: Phosphor Bronze
Shell: SUS
Contact plating: Gold plating over Nickel
Contact Resistance: 30MΩ Max.
Insulation Resistance: 1,000MΩ Min.
Current Rating: 1.5A
Voltage Rating: 40V
Dielectric Withstanding Voltage: 500V AC



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Type	Version	Plating
AU-Y1010-R	B	1.1	5µ"

Unit: MM

USB Adapter A Female - B Female, Version 1.1 & 2.0



Material:
Molded Housing (PVC 45P)
Insulator color: White
Color: Beige



USB Adapter A Female - B Male, Version 1.1 & 2.0



Material:
Molded Housing (PVC 45P)
Insulator color: White
Color: Beige



USB Adapter A Male - B Female, Version 1.1 & 2.0



Material:
Molded Housing (PVC 45P)
Insulator color: White
Color: Beige



Assmann Part Number (Standard Stocking Item)	Type	Assmann Part Number (Standard Stocking Item)	Type	Assmann Part Number (Standard Stocking Item)	Type
A-USB-1-R	A-F/B-F	A-USB-2-R	A-F/B-M	A-USB-3-R	A-M/B-F

USB Adapter A Type Version 1.1 & 2.0



Material:
Molded Housing (PVC 45P)
Insulator color: White
Color: Beige



USB Adapter B Male - B Male, Version 1.1 & 2.0



Material:
Molded Housing (PVC 45P)
Insulator color: White
Color: Beige



USB Adapter A Male - A Female, Version 1.1 & 2.0



Material:
Molded Housing (PVC 45P)
Insulator color: Black
Color: Black



Assmann Part Number (Standard Stocking Item)	Type	Assmann Part Number (Standard Stocking Item)	Type	Assmann Part Number (Standard Stocking Item)	Type
A-USB-4-R	A-F/A-F	A-USB-6-R	B-M/B-M	A-USB-7-R	A-M/A-F
A-USB-5-R	A-M/A-M				

USB & IEEE

IDC &
Flat Ribbon

IC, PLCC, Pin
& Jumpers

DSub &
Centronics

Waterproof

DVI & HDMI

Modular

Fiber-Optic

Power Cords

Wire to Board

SATA &
eSATA

FFC/FFC

MiniDIN &
Audio

KVM Cables

USB & IEEE

IDC &
Flat RibbonIC, PLCC, Pin
& JumpersDSUB &
Centronics

Waterproof

DVI & HDMI

Modular

Fiber-Optic

Power Cords

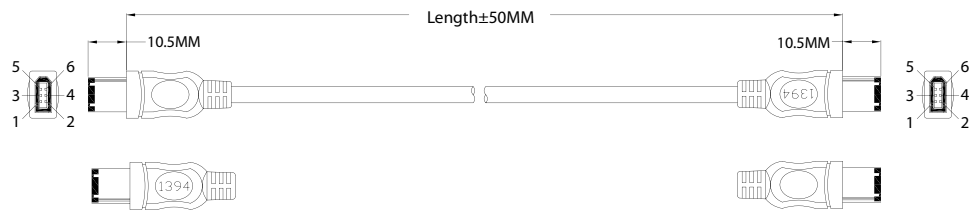
Wire to Board

SATA &
eSATA

FFC/FFC

MiniDIN &
Audio

KVM Cables

IEEE 1384 Cable - 6/6 pin, Male to Male**Material:**

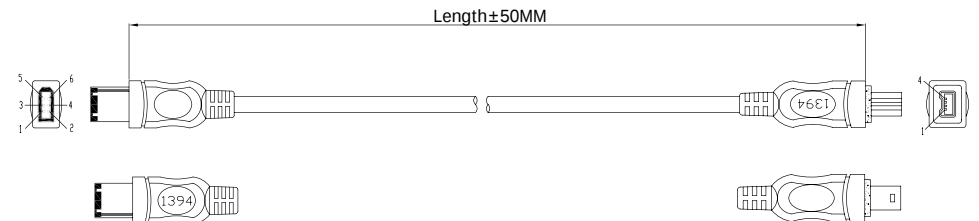
Cable: UL20276, OD ø6.0MM
 Insulator color: Black
 Molded Housing - Black 40P PVC
 6-wire cable, shielded - AWG28 / AWG22



Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Length (Meters)	Pin	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Pin	Color
AK-1394-10-R	1.0	6/6	Black	AK-1394-30-R	3.0	6/6	Black
AK-1394-18-R	1.8	6/6	Black	AK-1394-50-R	5.0	6/6	Black

IEEE 1384 Cable - 6/4 pin, Male to Male**Material:**

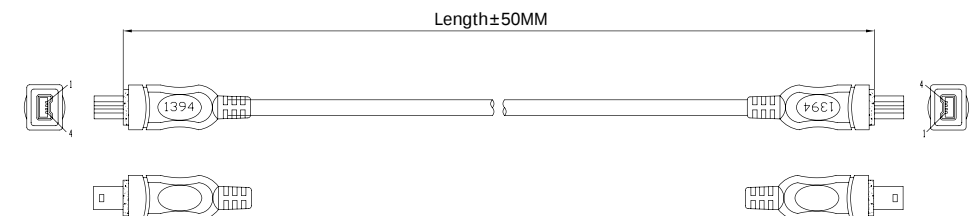
Cable: UL20276, OD ø4.8MM
 Insulator color: Black
 Molded Housing - Black 40P PVC
 6-wire cable, shielded - AWG30



Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Length (Meters)	Pin	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Pin	Color
AK-1394-104-R	1.0	6/4	Black	AK-1394-304-R	3.0	6/4	Black
AK-1394-184-R	1.8	6/4	Black	AK-1394-504-R	5.0	6/4	Black

IEEE 1384 Cable - 4/4 pin, Male to Male**Material:**

Cable: UL20276, OD ø4.8MM
 Insulator color: Black
 Molded Housing - Black 40P PVC
 4-wire cable, shielded - AWG30



Unit: MM

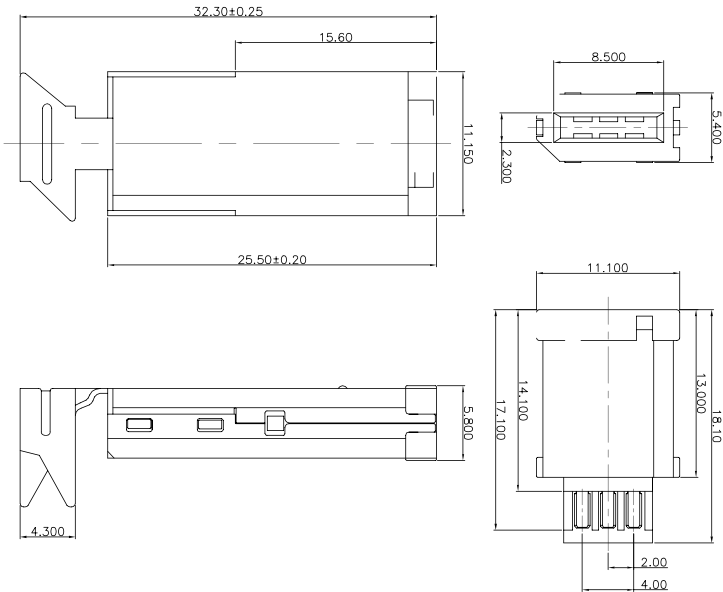
NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Length (Meters)	Pin	Color	Assmann Part Number (Standard Stocking Item)	Length (Meters)	Pin	Color
AK-1394-1044-R	1.0	4/4	Black	AK-1394-3044-R	3.0	4/4	Black
AK-1394-1844-R	1.8	4/4	Black	AK-1394-5044-R	5.0	4/4	Black

IEEE 1394A Male Solder Assembly, 4 & 6 pin

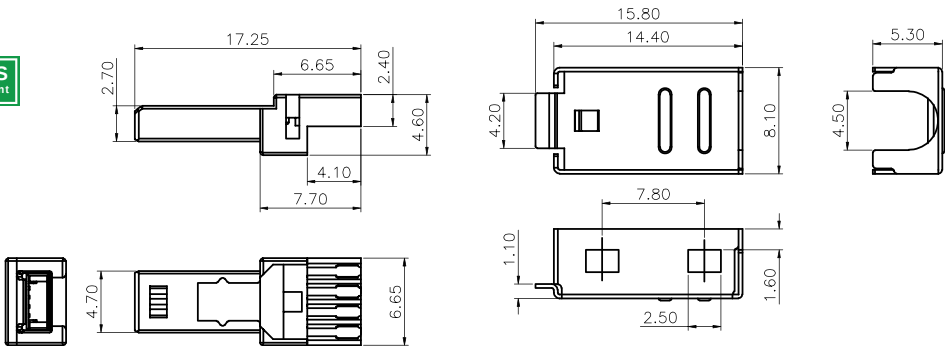


Type 6 pin

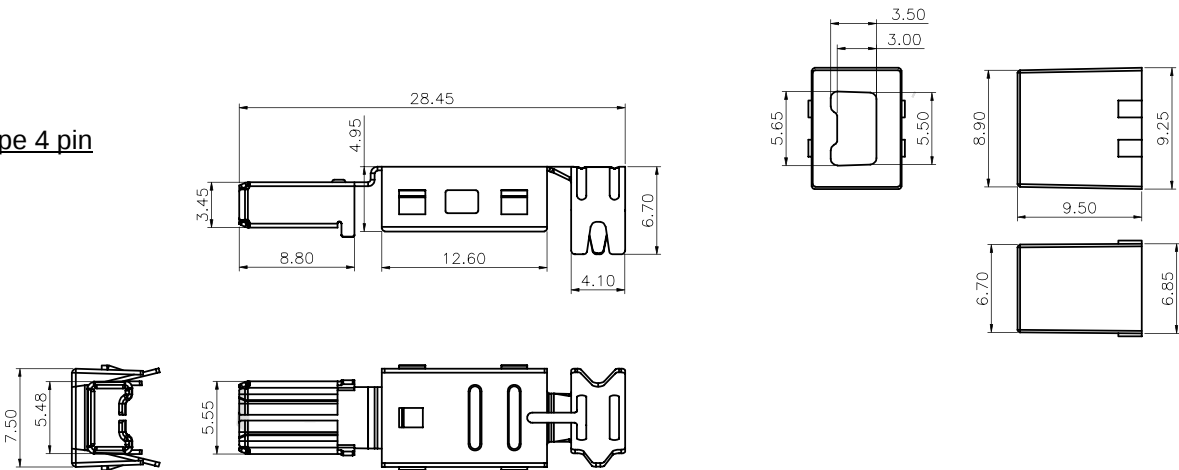


Material:

Housing: Thermoplastic (LCP+GF & Nylon+GF & PBT + GF)
Contact: Brass & Phosphor Bronze.
Shell: Steel
Contact Plating: Gold
Shell Plating: Tin over Nickel



Type 4 pin



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Pin	Assmann Part Number (Standard Stocking Item)	Pin
A-I-IE-E-ASSY/4-R	4	A-I-IE-E-ASSY/6-R	6

IEEE 1394 Connector, for PCB Mount, Female Type

USB & IEEE

IDC &
Flat RibbonIC, PLC, Pin
& JumpersDSUB &
Centronics

Waterproof

DVI & HDMI

Modular

Fiber-Optic

Power Cords

Wire to Board

SATA &
eSATA

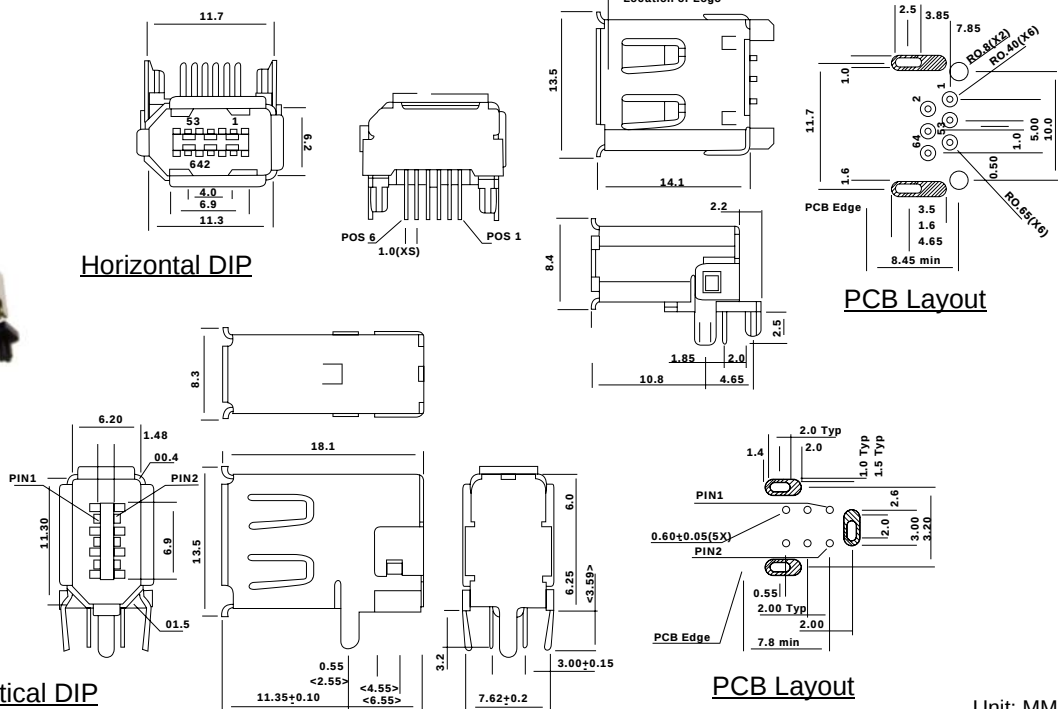
FFC/FFC

MiniDIN &
Audio

KVM Cables



Horizontal DIP



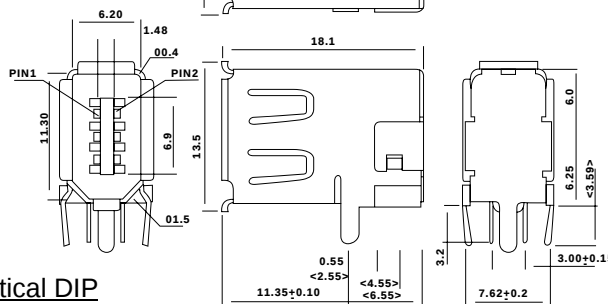
PCB Layout

Material:

Housing: Polyester, High Temperature Glass-Filled
 Flammability UL 94V-0
 Front Shell: Brass
 Back Shell: SPCC
 Contact: Gold Flash over Nickel plated
 Contact Resistance: 30MΩ Max.
 Insulation Resistance: 100MΩ Min.
 Current: 1.0A Max.
 Voltage: 40V
 Withstanding Voltage: 500V AC



Vertical DIP



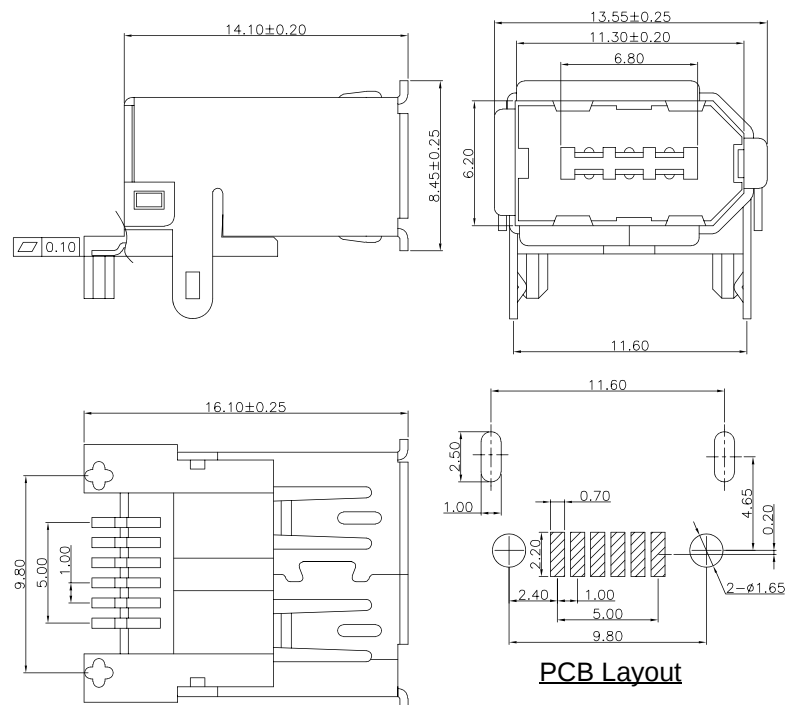
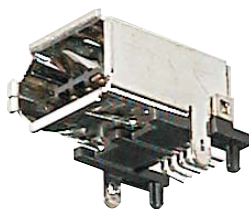
PCB Layout

Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Type	Assmann Part Number (Standard Stocking Item)	Type
A-IE-S-DIP-R	Horizontal	A-IE-E-DIP-R	Vertical

IEEE 1394 Connector SMT, for PCB Mount, Female Type



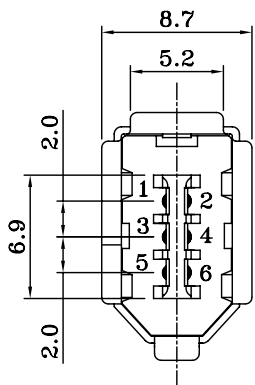
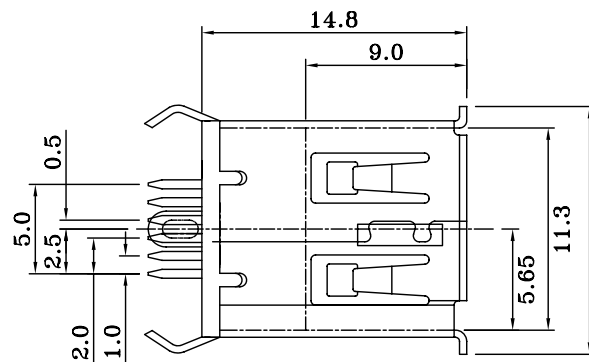
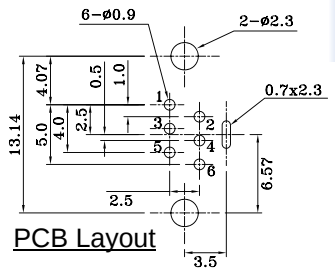
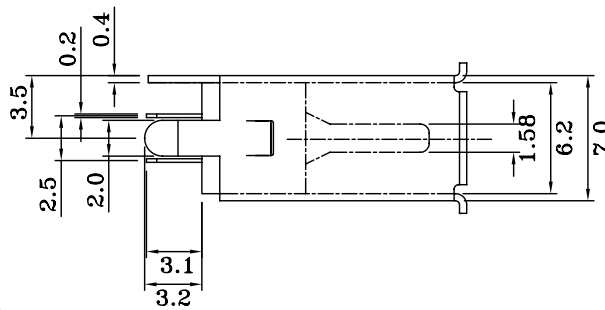
PCB Layout

Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Type
A-IE-S-SMT-R	Horizontal

IEEE 1394 Connector Top Entry, for PCB Mount, 180° Version, Female Type

**Material:**

Insulator: PBT
 Contacts: Brass
 Plating: Gold-Tin plated
 Shell: Brass
 Bottom Cover: PBT



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

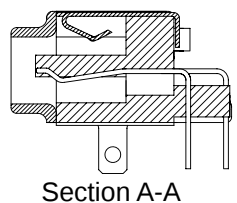
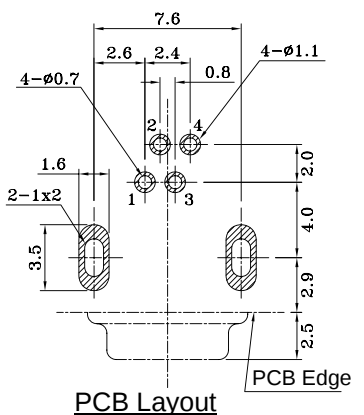
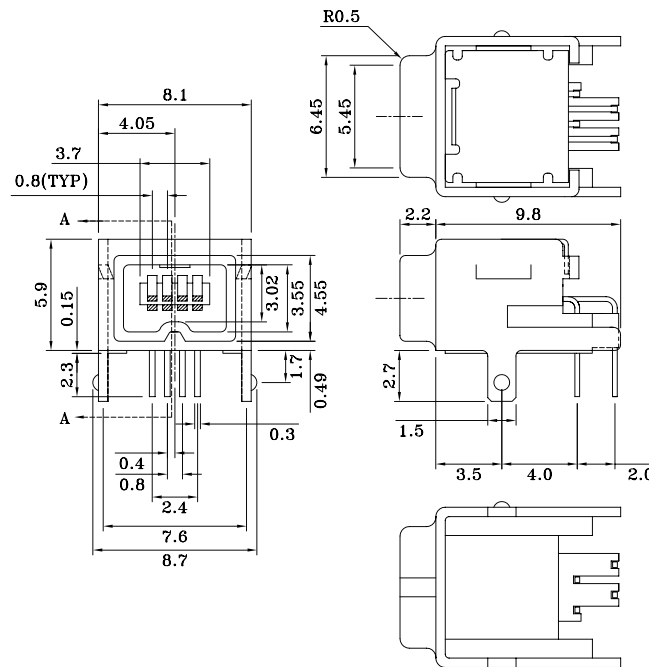
Assmann Part Number
 (Standard Stocking Item)

Type

A-IEE-TOP-R

Top Entry

IEEE 1394 Mini Connector DIP, 4-poles for PCB Mount, Low Profile, Female Type,



Section A-A

Material:

Insulator: Nylon PA9T
 Contacts: Phosphor Bronze
 Plating: Gold-Tin plated
 Front Shell: Steel
 Rear Shell: Brass



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number
 (Standard Stocking Item)

Type

A-IEE-M4P-R

Horizontal

USB & IEEE

IDC &
Flat RibbonIC, PLCC, Pin
& JumpersDSUB &
Centronics

Waterproof

DVI & HDMI

Modular

Fiber-Optic

Power Cords

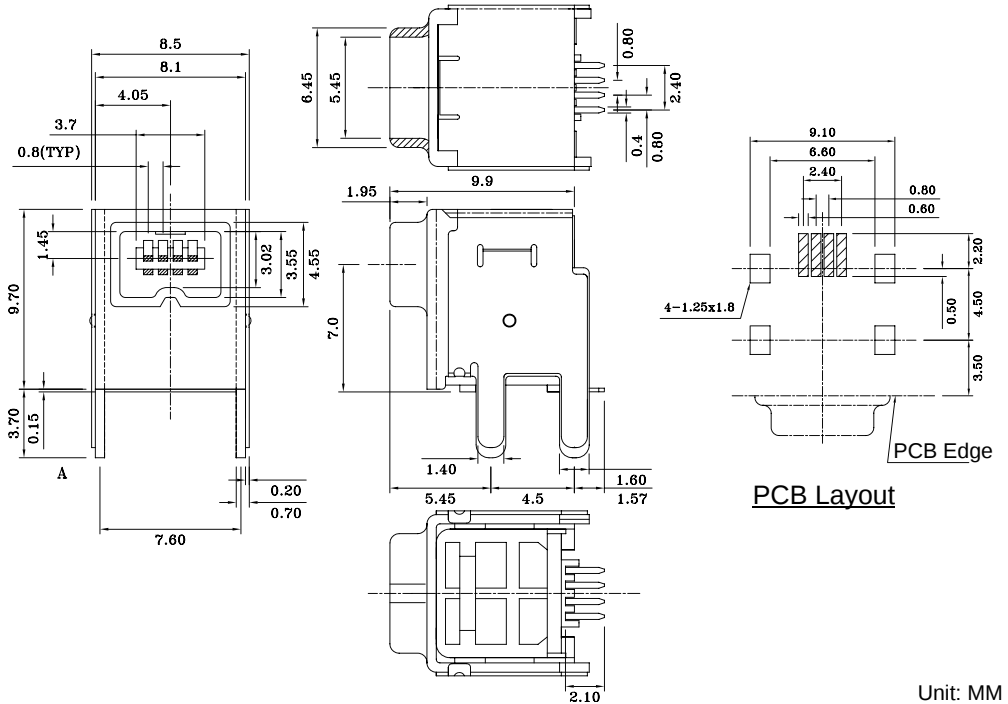
Wire to Board

SATA &
eSATA

FFC/FPC

MinidIN &
Audio

KVM Cables

IEEE 1394 Mini Connector SMT, 4-poles for PCB Mount, Female Type**Material:**

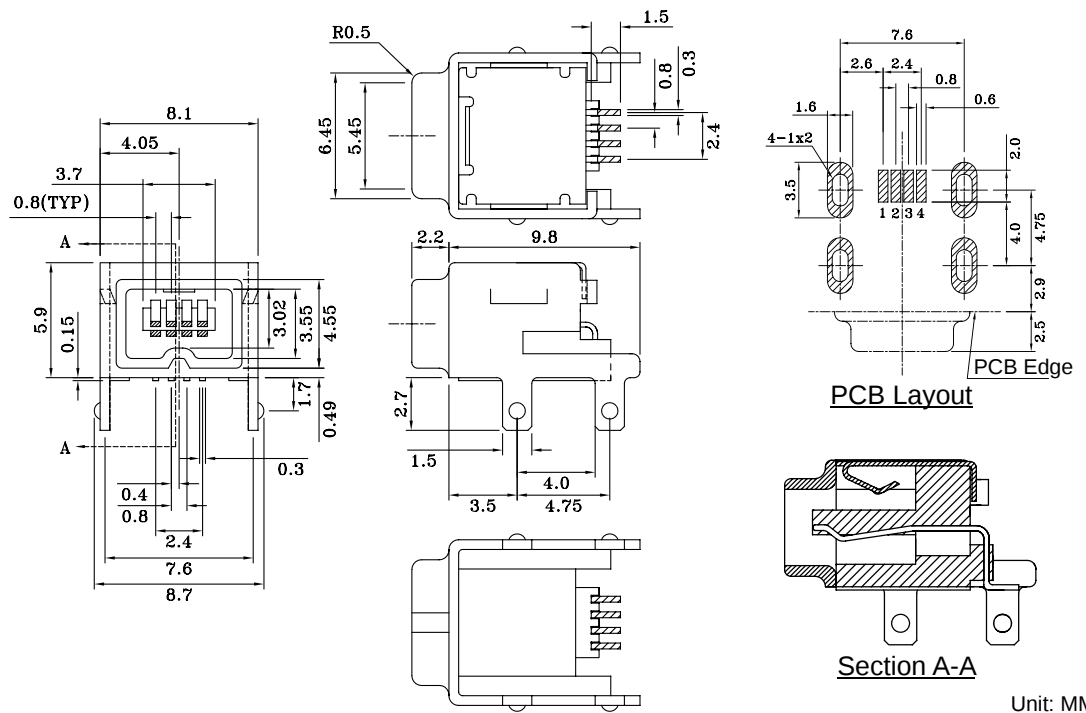
Insulator: Nylon PA9T
 Contacts: Phosphor Bronze
 Plating: Gold-Tin plated
 Front Shell: Brass
 Rear Shell: Phosphor Bronze



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	Type
A-IEE-M4P-SMD-R	Horizontal

IEEE 1394 Mini Connector SMT, 4-poles for PCB Mount, Low Profile, Female Type,**Material:**

Insulator: Nylon PA9T
 Contacts: Phosphor Bronze
 Plating: Gold-Tin plated
 Front Shell: Steel
 Rear Shell: Brass



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	Type
A-IEE-M4P-R	Horizontal

IEEE Adapter 6 pin Female - 4 pin Male


Material:

Connector: Gold Flash Contact: Nickel plated
Molded Housing (PVC 45P)
Color: Black



IEEE Adapter 6 pin Female - 6 pin Female


Material:

Connector: Gold Flash Contact: Nickel plated
Molded Housing (PVC 45P)
Color: Black



IEEE Adapter 6 pin Female - 4 pin Female, Crossover


Material:

Connector: Gold Flash Contact: Nickel plated
Molded Housing (PVC 45P)
Color: Black



Assmann Part Number (Standard Stocking Item)	Type	Assmann Part Number (Standard Stocking Item)	Type	Assmann Part Number (Standard Stocking Item)	Type
AB-1394-1-R	6p-F/4p-M	AB-1394-2-R	6p-F/6p-F	AB-1394-3-R	6p-F/6p-F

IEEE Adapter 4 pin Male - 4 pin Male


Material:

Connector: Gold Flash Contact: Nickel plated
Molded Housing (PVC 45P)
Color: Black



IEEE Adapter 4 pin Female - 4 pin Female


Material:

Connector: Gold Flash Contact: Nickel plated
Molded Housing (PVC 45P)
Color: Black



IEEE Adapter 6 pin Female - 4 pin Female


Material:

Connector: Gold Flash Contact: Nickel plated
Molded Housing (PVC 45P)
Color: Black



Assmann Part Number (Standard Stocking Item)	Type	Assmann Part Number (Standard Stocking Item)	Type	Assmann Part Number (Standard Stocking Item)	Type
AB-1394-4-R	4p-M/4p-M	AB-1394-5-R	4p-F/4p-F	AB-1394-7-R	6p-F/4p-F

USB & IEEE

IDC &
Flat RibbonIC, PLCC, Pin
& JumpersDSub &
Centronics

Waterproof

DVI & HDMI

Modular

Fiber-Optic

Power Cords

Wire to Board

SATA &
eSATA

FFC/FFC

MiniDIN &
Audio

KVM Cables

USB & IEEE

IDC &
Flat Ribbon

IC, PLCC, Pin
& Jumpers

DSUB &
Centronics

Waterproof

DVI & HDMI

Modular

Fiber-Optic

Power Cords

Wire to Board

SATA &
eSATA

FFC/FPC

MiniDIN &
Audio

KVM Cables

Notes