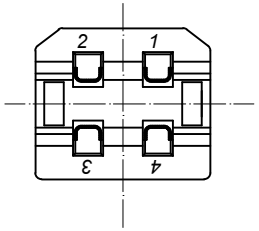
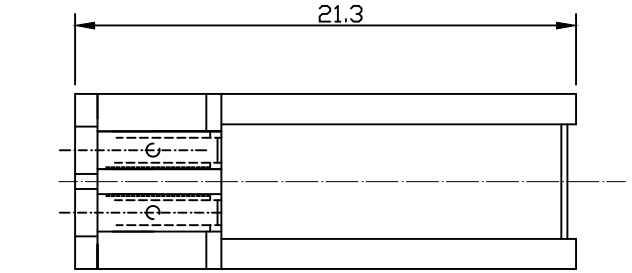
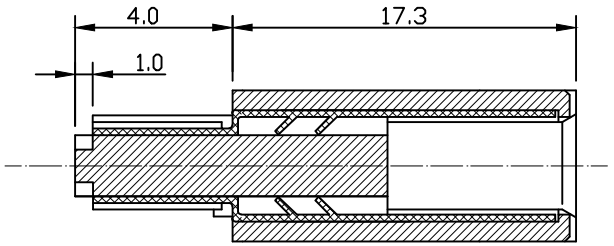
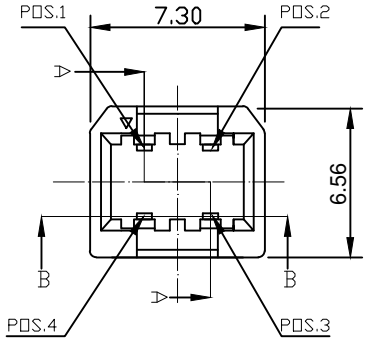
USB2.0 COMPLIANT

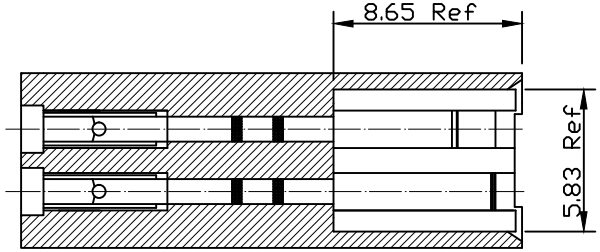








SECTION A-A



SECTION B-B

NOTE:
1.INSULATION: PBT 30%GLASS FILLED UL94V-0 COLOR:WHITE
2.CONTACT: COPPER ALLOY, Gold plated over 50~80u" Nickel ①
3. SUPPLEMENT:
3.1 P/N A-USBPB-BS and A-USBPB-TS are just for shell
3.2 Below PN is for whole kit
A-USBPB-x
N SELECTIVE GOLD 5u"
2 SELECTIVE GOLD 30u"

RoHS compliant

Unit:mm

Scale	1:1
TOLERANCE	
.XX	±0.10
.X	±0.20
X.	±0.50
XX.	±1
DIM	TOL
Angle	TOL

Id.	Modification	Date	Name
①	Add info of contact plating	20.06.2019	Xavier
⓪	Drawn	12.04.2019	Xavier

	Date	Name
Drawn	12.04.2019	Xavier
Approved	12.04.2019	Winnie

ASSMANN WSW components

Customer-No.

ASSMANN WSW-No. A-USBPB-x

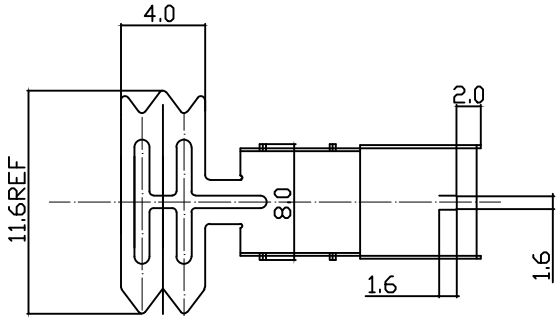
Drawing-No. ASS 8372 CO

rev01

Replace

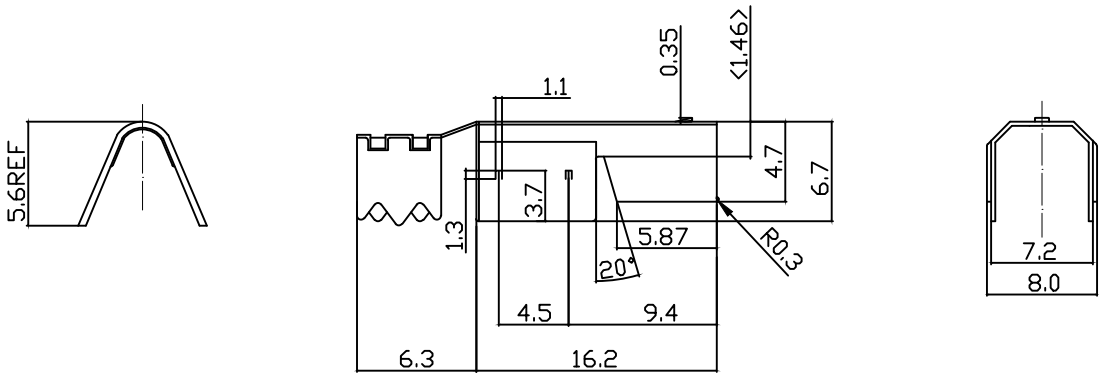
Sheet 1 / 4

Top shell: A-USBPB-TS



NOTE:
1. COLD ROLL STEEL. t=0.35mm
2. FINISHES: 3.0um-5.0um NICKEL OVER 5.0um Min.COPPER
3. APPLICATION CABLE SPEC:

AWG Signal wires Power wires	Jacket OD.	Cable length(max.)
28AWG x 1T.P. 28AWG x 2Cores	4.2mm	0.81m
28AWG x 1T.P. 26AWG x 2Cores	4.4mm	1.31m
28AWG x 1T.P. 24AWG x 2Cores	4.7mm	2.08m
28AWG x 1T.P. 22AWG x 2Cores	5.0mm	3.33m
28AWG x 1T.P. 20AWG x 2Cores	5.0mm	5.00m



RoHS compliant

Unit:mm

Scale	1:1
TOLERANCE	
.XX	±0.10
.X	±0.20
X.	±0.50
XX.	±1
DIM	TOL
Angle	TOL

Id.	Modification	Date	Name
①	Add info of contact plating	20.06.2019	Xavier
⓪	Drawn	12.04.2019	Xavier

	Date	Name
Drawn	12.04.2019	Xavier
Approved	12.04.2019	Winnie

ASSMANN WSW components

Customer-No.

ASSMANN WSW-No. A-USBPB-x

Drawing-No. ASS 8372 CO

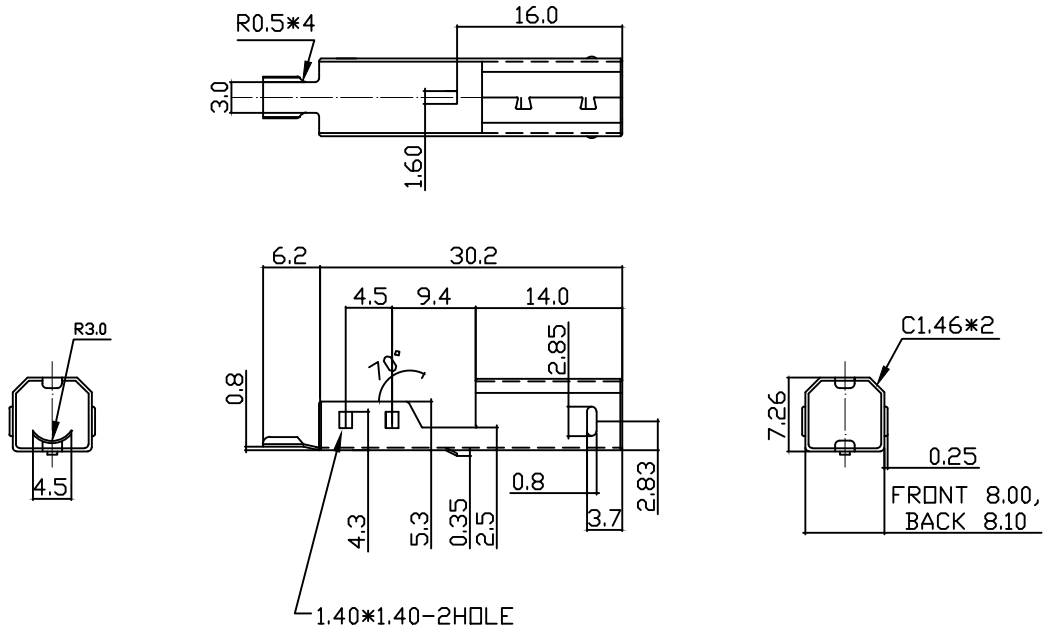
rev01

Replace

Sheet 2 / 4

Bottom shell: A-USBPB-BS

NOTE:
1. COLD ROLL STEEL. t=0.35mm
2. FINISHES: 3.0um-5.0um NICKEL OVER 5.0um Min.COPPER



RoHS compliant

Unit:mm

Scale	1:1
TOLERANCE	
.XX	±0.10
.X	±0.20
X.	±0.50
XX.	±1
DIM	TOL
Angle	TOL

Id.	Modification	Date	Name
①	Add info of contact plating	20.06.2019	Xavier
⓪	Drawn	12.04.2019	Xavier

	Date	Name
Drawn	12.04.2019	Xavier
Approved	12.04.2019	Winnie

ASSMANN WSW components

Customer-No.

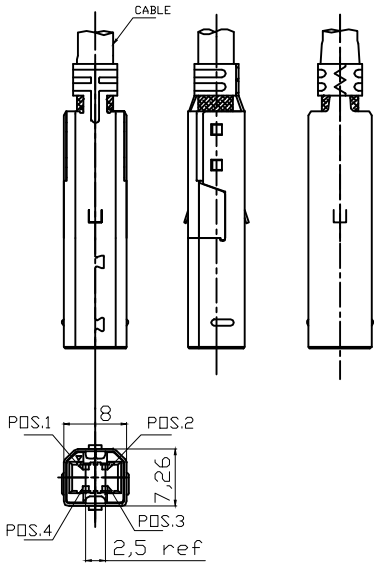
ASSMANN WSW-No. A-USBPB-x

Drawing-No. ASS 8372 CO

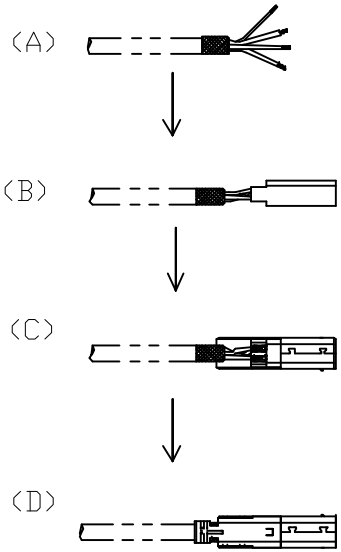
rev01

Replace

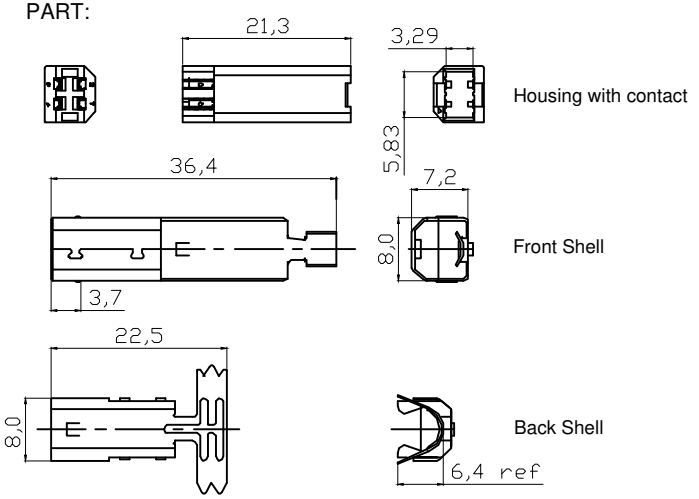
Sheet 3 / 4



ASSEMBLY PROCESS



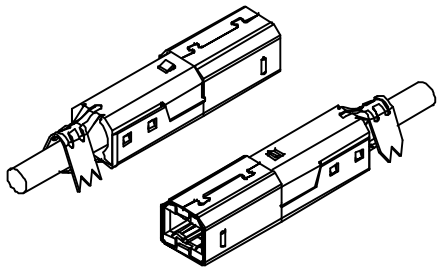
PART:



Housing with contact

Front Shell

Back Shell



NOTES:
Rating:
Voltage: 30VAC (R.M.S)
Current: 1.5 AMPERE MINIMUM PER CONTACT AT 30°C T-RISE
TEMPERATURE: -55°C TO +85°C UNLESS LIMITED BY CABLE OR OVERMOLD (-40°C TO +60°C STORAGE; 0°C TO +40 °C OPREATING)
ELECTRIC RESISTANCE: 30 MILLIOHMS MAXIMUM INITIAL
INSULATION RESISTANCE: 1000 MEGOHMS MINIMUM
DIELECTRIC WITHSTANDING VOLTAGE: 500VAC AT SEA LEVEL
CAPACITANCE: 2 PICOFARADS MAXIMUM AT 1KHZ
MODIFICATION SEAM DIRECTION CIRCUMGYRATE: 180 DEGREE

RoHS compliant

Unit:mm

Scale	1:1
TOLERANCE	
.XX	±0.05
.X	±0.10
X.	±0.15
DIM	TOL
X°	±3°
.X°	±1.0°
Angle	TOL

Id.	Modification	Date	Name
①	Add info of contact plating	20.06.2019	Xavier
⓪	Drawn	12.04.2019	Xavier

	Date	Name
Drawn	12.04.2019	Xavier
Approved	12.04.2019	Winnie

ASSMANN WSW components

Customer-No.

ASSMANN WSW-No. A-USBPB-x

Drawing-No. ASS 8372 CO

rev01

Replace

Sheet 4 / 4