

SPECIFICATION:

MATERIAL

Insulator: Thermoplastic, rated UL94V-0
 Contacts: Copper Alloy
 Shell: Stainless Steel

CONTACT PLATING

Underplate: 50u"~100u" Nickel
 Contact area: 15u" Gold
 Solder tails area: 100u"~200u" Tin/Lead Free(Matte)

ELECTRICAL

Current rating:

1.8 Amps (max) shall be applied to Vbus pin and its corresponding GND Pin.
 0.25 Amp (Min) shall be applied to all the other contacts.

Contact resistance:

30 mΩ (Max) initial for VBUS and GND Contacts.

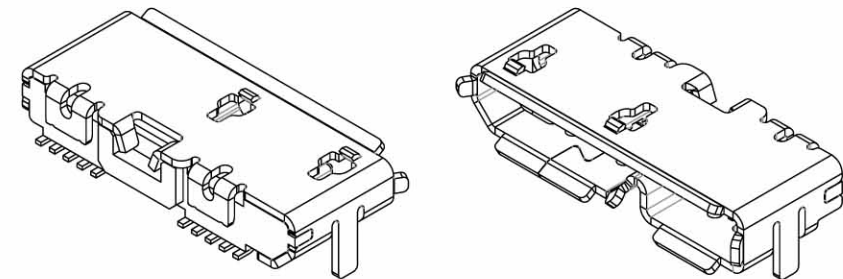
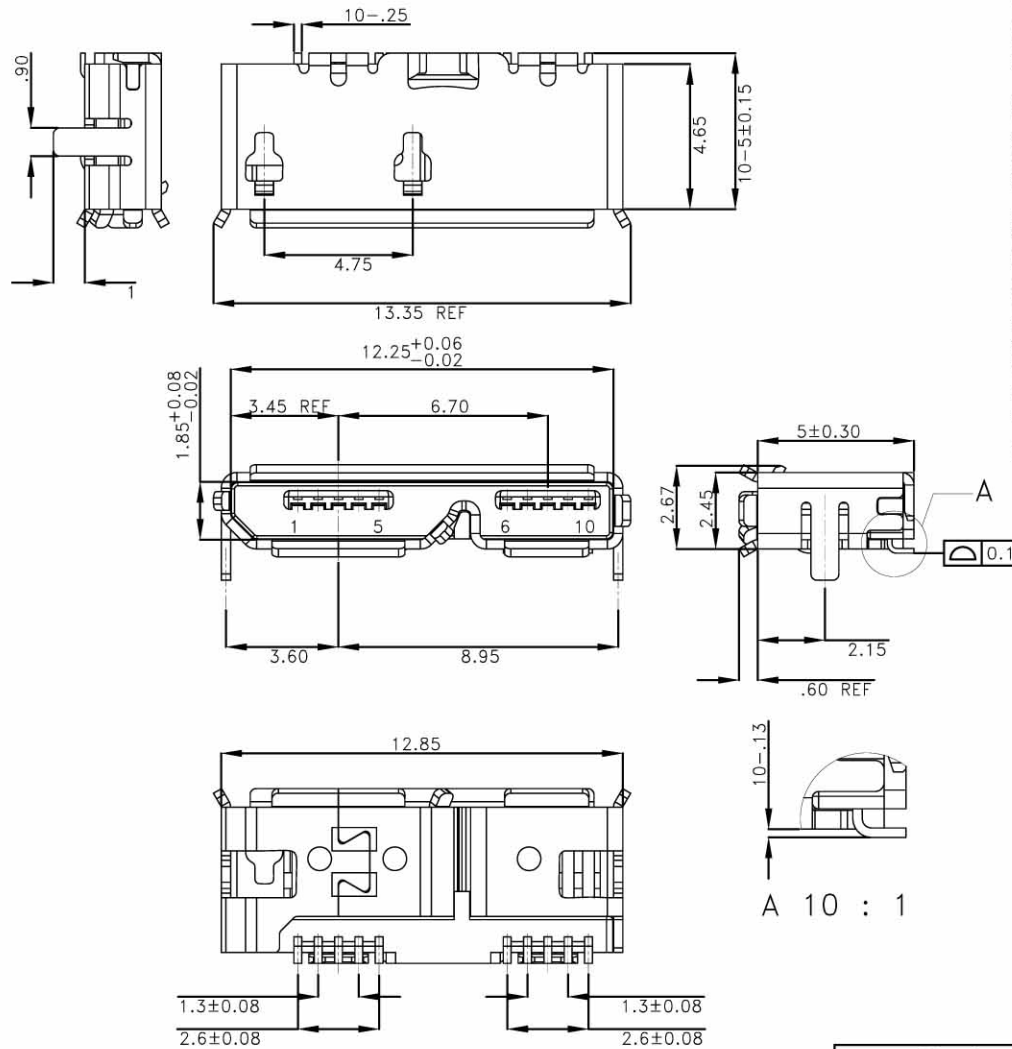
50 mΩ (Max) initial for All Other Contacts.

Insulation resistance: 100 Mohms min @ 250 VDC

Dielectric withstanding voltage: 100 VAC / minute

Temperature range: -20°C TO +85°C

Mating cycles: 10,000 insertions



Product Number	Description
USB-B-BE01	Micro USB 3.0 B Receptacle, Shell:Dip Type , 15u" Gold Plating

UNLESS OTHERWISE SPECIFIED TOLERANCE	
ANG.	±5°
0.	±0.3
.0	±0.25
.00	±0.20

SCALE: AS SHOWN UNIT: mm

DRAWN Willis 2010/12/15

CHECKED Angel 2010/12/15

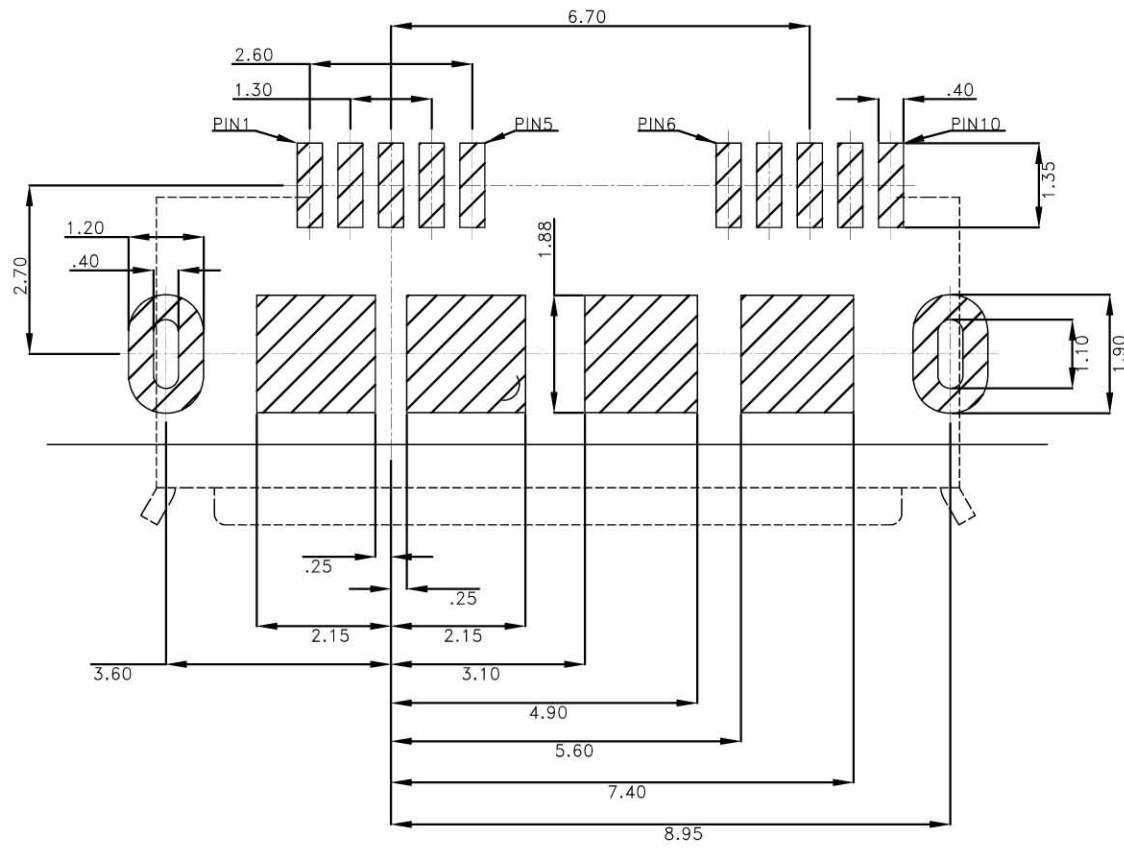
APPROVED Ken 2010/12/15



DRAWN NAME: Micro USB 3.0 B Receptacle Shell:Dip Type

PRODUCT NO. USB-B-BE01

REV.	DESCRIPTION	DATE	SIZE	REV.	FILE NAME:
1			A4		



RECOMMENDED P.C.B. LAYOUT
TOLERANCES: ±0.05mm

Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	ID
5	GND
6	Micb_SSTX-
7	Micb_SSTX+
8	GND_DRAIN
9	Micb_SSRX-
10	Micb_SSRX+
Shell	Shield
Pin Assignments	

UNLESS OTHERWISE SPECIFIED TOLERANCE
ANG. ±5°
0. ±0.3
.0 ±0.25
.00 ±0.20

SCALE: AS SHOWN UNIT: mm
DRAWN Willis 2010/12/15
CHECKED Angel 2010/12/15
APPROVED Ken 2010/12/15



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REV.	DESCRIPTION	DATE



SIZE A4

REV.