



**EN:** This Datasheet is presented by the manufacturer.

Please visit our website for pricing and availability at [www.hestore.hu](http://www.hestore.hu).

# 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.

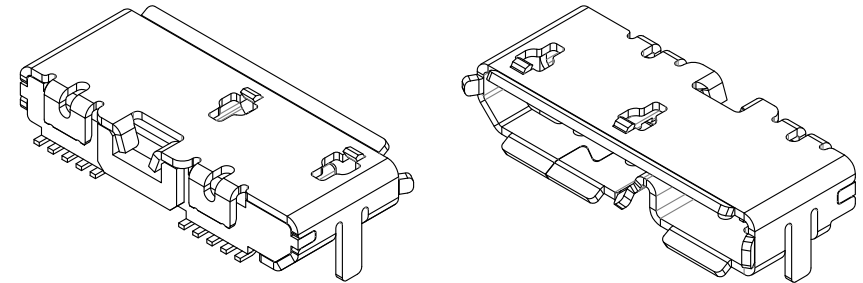
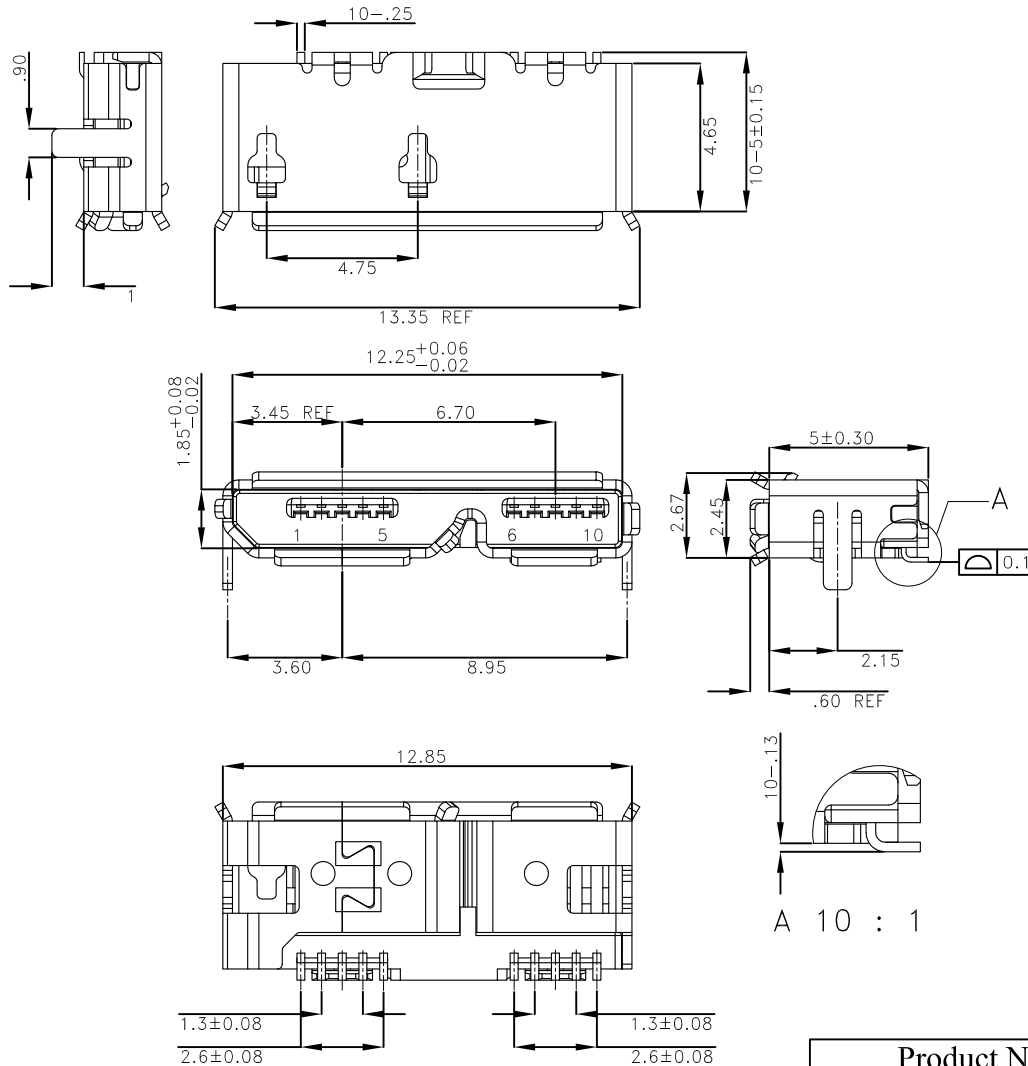
50 mΩ (Max) initial for All Other Contacts.

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

209E-BE01

Description

Micro USB 3.0 B Receptacle, Shell:Dip Type , 15u" Gold Plating

UNLESS OTHERWISE SPECIFIED TOLERANCE

| ANGLES | ANG. | ±5°   |
|--------|------|-------|
| LINEAR | 0.   | ±0.3  |
|        | 0.0  | ±0.25 |
|        | 0.00 | ±0.20 |

SCALE AS SHOWN UNIT: mm

DRAWN Willis 2012/08/03

CHECKED Angel 2012/08/03

APPROVED Ken 2012/08/03



www.attend.com.tw

DRAWN NAME: Micro USB3.0 B Receptacle  
Solder Tail:SMD Type, Shell:Dip Type

PRODUCT NO. 209E-BE01

FILE NAME 209E-BE01\_B\_2

Revise:

Revise:

Revise:

REV.

DESCRIPTION

DATE

REV.

DESCRIPTION

DATE

SIZE A4

REV. 1.0

FILE NAME

209E-BE01\_B\_2



|      |             |   |   |      |      |             |   |   |      |                                                                                       |            |             |           |               |
|------|-------------|---|---|------|------|-------------|---|---|------|---------------------------------------------------------------------------------------|------------|-------------|-----------|---------------|
| REV. | DESCRIPTION |   |   | DATE | REV. | DESCRIPTION |   |   | DATE |  | SIZE<br>A4 | REV.<br>1.0 | FILE NAME | 209E-BE01_B_2 |
| 1    | 2           | 3 | 4 | 5    | 6    | 7           | 8 | 9 | 10   |                                                                                       |            |             |           |               |