

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.

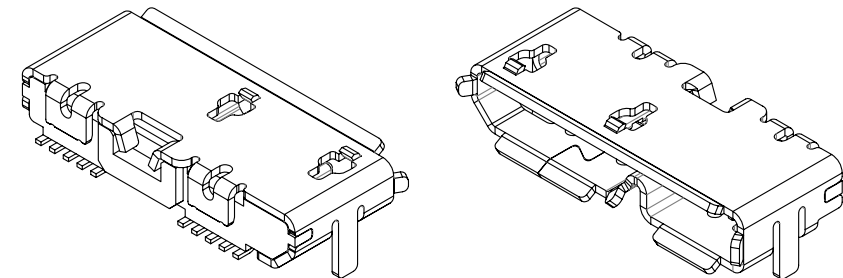
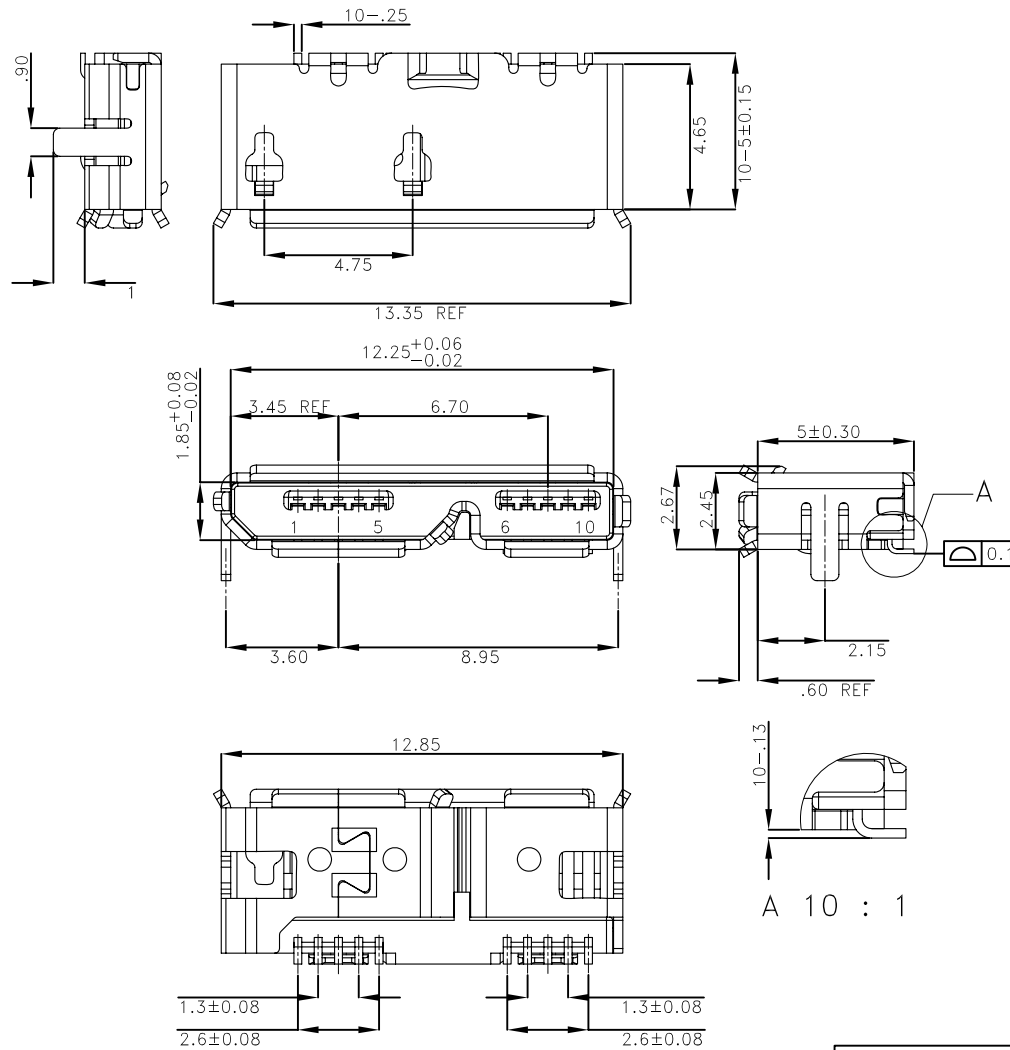
50 mΩ (Max) initial for All Other Contacts.

Insulation resistance: 100 Mohms min @ 250 VDC

Dielectric withstanding voltage: 100 VAC / minute

Temperature range: -20°C TO +85°C

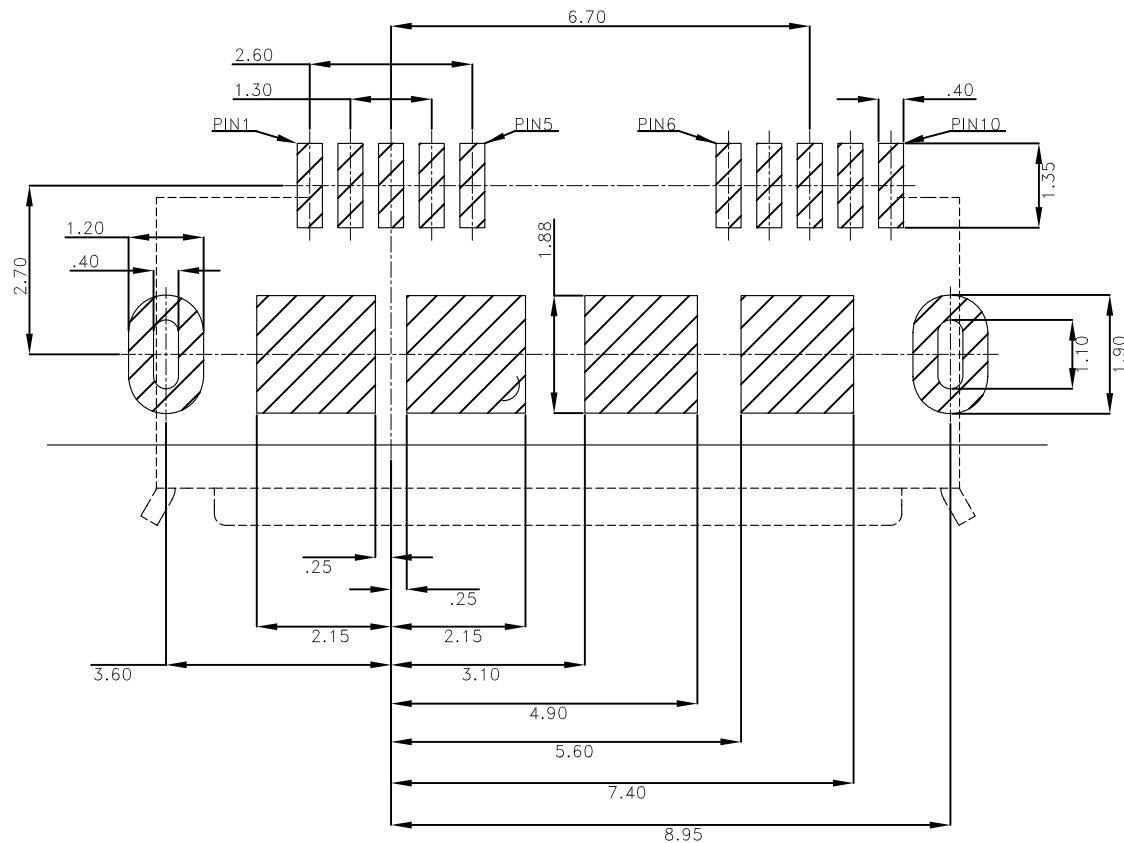
Mating cycles: 10,000 insertions



Product Number		Description	
209E-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
REV.		DATE	FILE NAME: 209E-BE01_B_1
DESCRIPTION		SIZE A4	REV.



REV.	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		



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

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. $\pm 5^\circ$ 0. ± 0.3 .0 ± 0.25 .00 ± 0.20		 <small>www.allconnectors.eu info@allconnectors.eu Tel. +49 (0)711 / 358 110 20 Fax +49 (0)711 / 358 110 25</small>				
						SCALE: AS SHOWN	UNIT: mm					
						DRAWN Willis		2010/12/15		DRAWN NAME: Micro USB 3.0 B Receptacle		
						CHECKED Angel		2010/12/15		Shell: Dip Type		
						APPROVED Ken		2010/12/15		PRODUCT NO. 209E-BE01		
REV.	DESCRIPTION					DATE		SIZE A4	REV.	FILE NAME: 209E-BE01_B_1		