



Rev. No.	Description of Revision	Date	Name	Approved	ECN No.
6					
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※ NOTE

1. PLATING

1) CONTACT (Brush Plating)

- Contact Area : Au 0.75 μ m Min. over Ni 2.0 μ m min.
- Lead Area : Au 0.05 μ m Min. over Ni 2.0 μ m min.

2) METAL SHELL : Ni 1.25 μ m min.

2. Electrical Characteristics

1.1 Current rating : 1.8A is applied to V-BUS pin and it's corresponding GND pin(pin.1 and 4). Min 0.25A is applied to all the other contacts.

1.2 Contact resistance

- 30 m Ω (Max.) initial for V-BUS and GND contacts.
- 50 m Ω (Max.) initial for all other contacts

1.3 Dielectric withstanding Voltage : AC 100V(RMS)

1.4 Insulation resistance : 100 M Ω Min.

3. Machine characteristics

- 1.1 Insertion force : 35N(3.5Kgf) Max.
- 1.2 Withdrawal force : 10N(1.0Kgf) Min.
- 1.3 Durability : 10,000 cycle (at a max rate of 200 cycle per hour.)

5	METAL SHELL	SUS301	Note. 1	10.2
4	LATCH	SUS301	Cleaning	10.4
3	CONTACT	Copper Alloy	Note. 1	10.15
2	HOUSING "B"	PABT	Black Color	UL94V-0
1	HOUSING "A"	LCP	Black Color	UL94V-0

No	Descriptions	Material	Finish	Remarks
General Tolerance	mm ()	N/S	mm	
Dimension	± 0.2	Date	2013.05.30	1 of 1
X.X	± 0.1	Drawn	Design	Checked
X.XX	± 0.05	Y. KLEE		Approved
X.XXX	± 0.01			SW No.
ANGLE	$\pm 1^{\circ}$			Rev.

TITLE: HI10-AG4100 Micro USB 3.0 Plug

Customer Drawing

DWG No. HI10-AG4100-A1

© Do not contain any substances which are specified in (OQA-2049)