



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

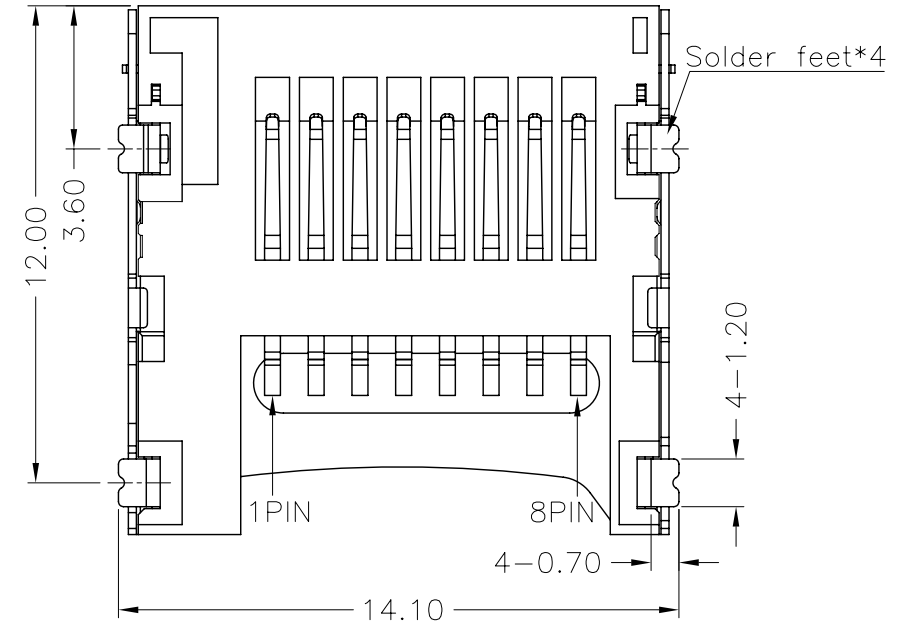
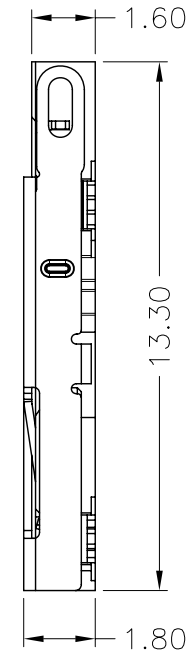
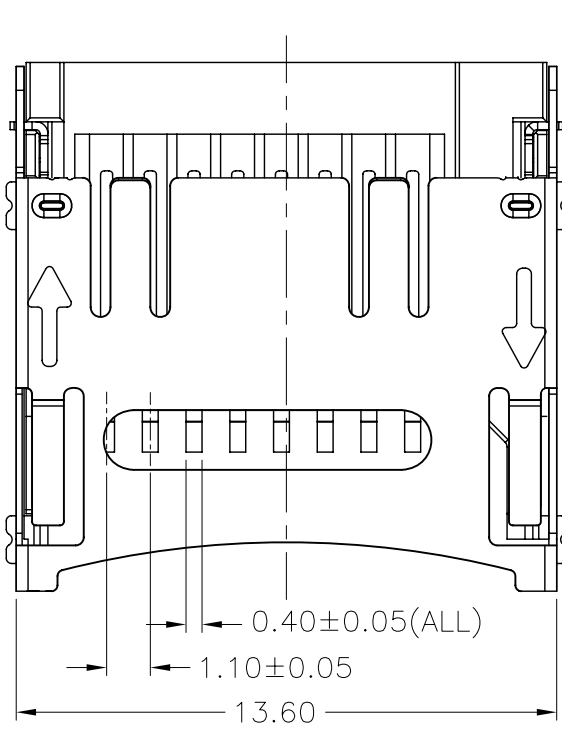
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



| REV. | ECN.NO. | MODIFY.CONTENT | DATE |
|------|--------------|---------------------|------------|
| A | ES.D0807.138 | Initial release | 07.25/2008 |
| B | ES.D0907.062 | add operate explain | 07.13/2009 |
| C | ECN11010014 | Modify Drawing © | 12.30/10 |

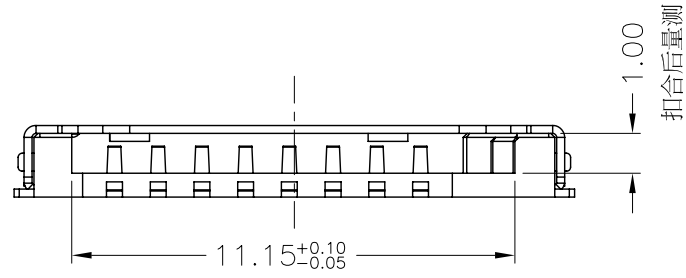


THE PART NUMBER:
10100303**

- 64 selective 1u"gold plating on contact area,160u"Tin plating in solder tail
- 65 selective 3u"gold plating on contact area,160u"Tin plating in solder tail
- 66 selective 5u"gold plating on contact area,160u"Tin plating in solder tail
- 67 selective 10u"gold plating on contact area,160u"Tin plating in solder tail
- 68 selective 15u"gold plating on contact area,160u"Tin plating in solder tail
- 69 selective 30u"gold plating on contact area,160u"Tin plating in solder tail

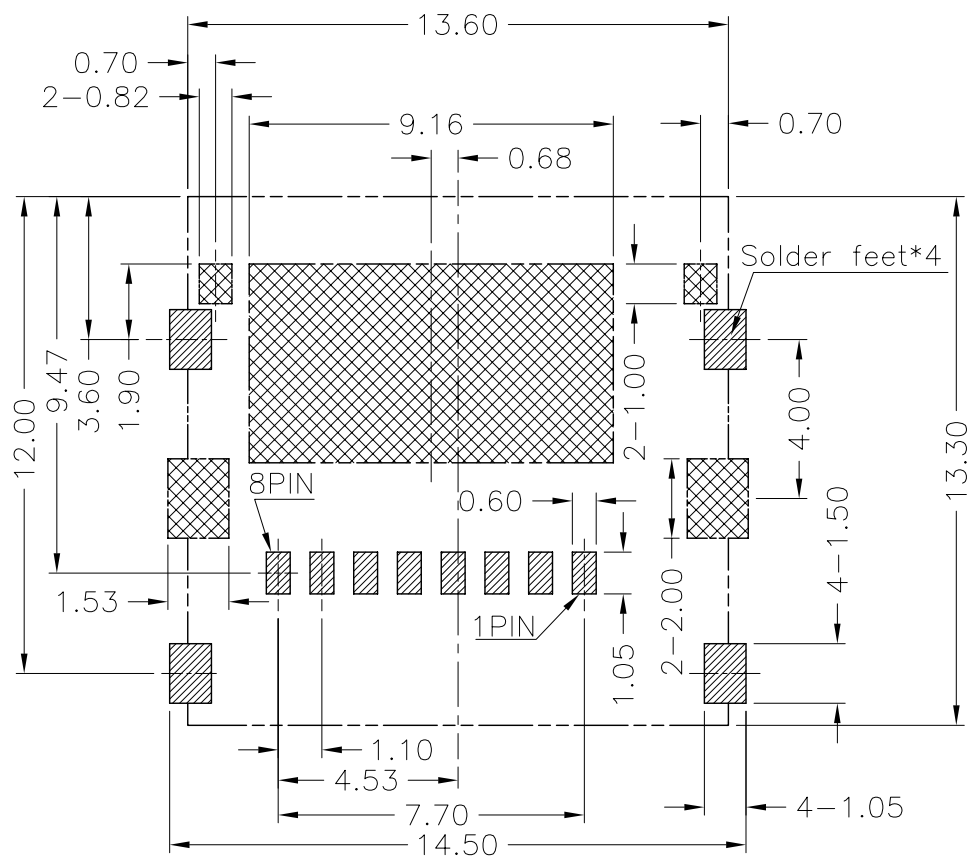
SPECIFICATION:

1. Material
 - Housing: LCP(E6807),Black,UL94V-0,30%G/F
 - Shell: stainless steel
 - Contact: Copper Alloy
2. Electrical characteristics
 - 2.1 Contact current rating: 0.5A Min.
 - 2.2 Contact resistance: 100m Ohm Max. initial
 - 2.3 Insulation resistance: 500V DC 1000M ohm Min. initial
3. Environmental characteristics
 - 3.1 Operation temperature range: -20°C to +85°C
4. Coplanarity is 0.10mm Max. on all the solder surface.



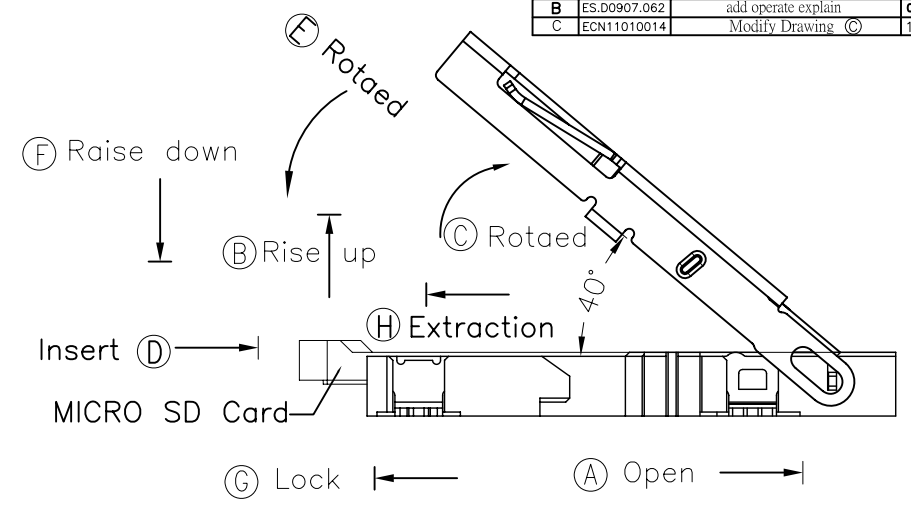
| GENERAL TOLERANCE | | FILE.NO. | 10100303 | PART.NO. | 1010030368 | DRAWN | Sean | MATERIAL | SCALE | N/A | |
|-------------------|----------|----------|----------|----------|---------------------------------|----------|-----------------------------|----------|------------|-------|----|
| X.±0.50 | x. ± 5° | REV. | C | TITLE | MICRO-SD CARD CONN. NONE P/P | CHECKED | | DATE | 2011/01/04 | UNITS | mm |
| .X±0.38 | .x ± 2° | SIZE | | SHEET | 1 OF 2 | APPROVED | Amphenol Shouh Min Industry | | | | |
| .XX±0.25 | .xx ± 1° | A4 | | | | | | | | | |

| REV. | ECN.NO. | MODIFY.CONTENT | DATE |
|------|--------------|---------------------|------------|
| A | ES.D0807.138 | Initial release | 07.25/2008 |
| B | ES.D0907.062 | add operate explain | 07.13/2009 |
| C | ECN11010014 | Modify Drawing (C) | 12.30/10 |

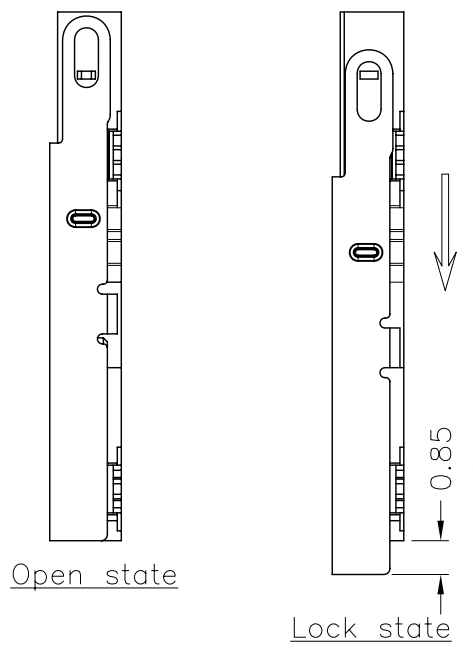
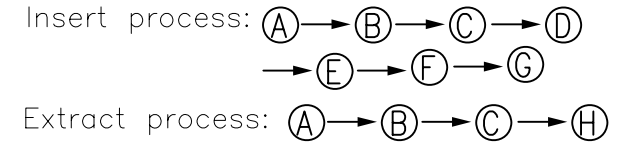


Recommended PCB layout
Top view(Tolerance: ± 0.05)

Land area
 Trace keep out area



Micro SD operation step
How to insert and extract



| Pin assignment | |
|----------------|---------|
| Pin No. | Name |
| 1 | DAT2 |
| 2 | CD/DAT3 |
| 3 | CMD |
| 4 | VDD |
| 5 | CLK |
| 6 | VSS |
| 7 | DAT0 |
| 8 | DAT1 |

| GENERAL TOLERANCE | | FILE.NO. | 10100303 | PART.NO. | 1010030368 | DRAWN | Sean | MATERIAL | SCALE | N/A | |
|-------------------|-------------------|----------|----------|----------|---------------------------------|----------|------|-----------------------------|------------|-------|----|
| X. ± 0.50 | x. $\pm 5^\circ$ | REV. | c | TITLE | MICRO-SD CARD CONN. NONE P/P | CHECKED | | DATE | 2011/01/04 | UNITS | mm |
| .X ± 0.38 | .x $\pm 2^\circ$ | SIZE | | SHEET | 2 OF 2 | APPROVED | | Amphenol Shouh Min Industry | | | |
| .XX ± 0.25 | .xx $\pm 1^\circ$ | A4 | | | | | | | | | |