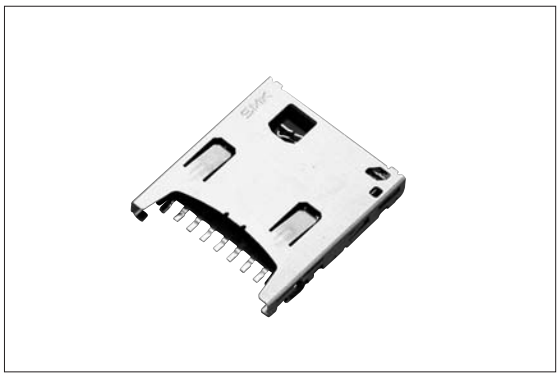
microSD™ Card Connector



■ Features

1. Small and low profile of 1.65mm mounting height, 11.4mm width and 12.9mm depth.
2. A push/pull system is used for card insertion/withdrawal.
3. With a card detection switch.
4. Normal type of card insertion directions.
5. Available with/without a half locking structure.
6. Enhanced strength due to integral molding of the contacts and housing.
7. Automatic mountable with a sucking space.

■ Specification

1. Rating : 0.5A, 100V AC/DC
2. Contact Resistance : 100mΩ max.
3. Insulation Resistance : 1000MΩ min. at 500V DC
4. Withstanding Voltage : 500V AC (for one minute)
5. Operating Temperature Range : –25˚C to +85˚C
6. Operating Life : 10,000 cycles

■ Material and Plating

- Housing : Thermoplastic Resin, Black, 94V-0
- Contact : Cu Alloy,
  Au Plating (Contact Section)
  Au Flash Plating (Terminal Section)
- Shield Cover : Stainless Steel,
  Selective Au Flash Plating

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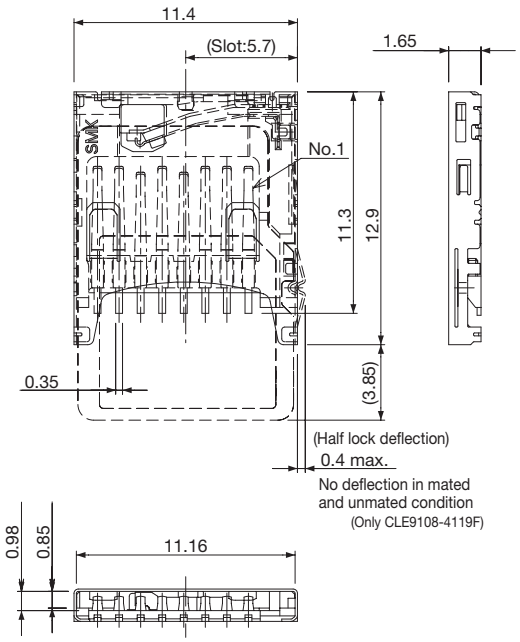
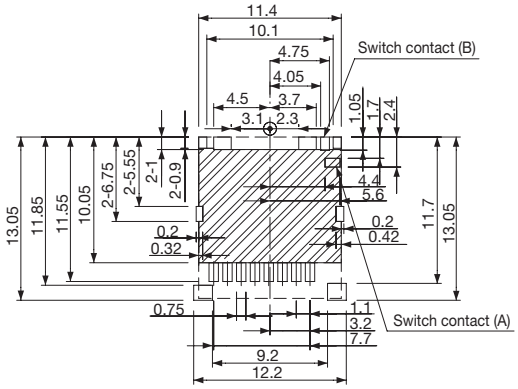


□□	Half lock
09	Without
19	With

■ P. C. Board Dimension



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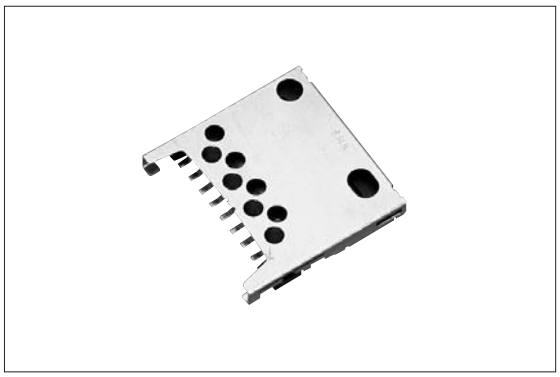
(Part Mounting Side)

microSD™ Card Connector



■ Features

1. Small and low profile of 1.47mm mounting height, 11.35mm width and 11.25mm depth.
2. A push/pull system is used for card insertion/withdrawal.
3. Normal type of card insertion directions.
4. With a half locking structure.
5. Enhanced strength due to integral molding of the contacts and housing.
6. Automatic mountable with a sucking space.

■ Specification

1. Rating : 0.5A, 100V AC/DC
2. Contact Resistance : 100mΩ max.
3. Insulation Resistance : 1000MΩ min. at 500V DC
4. Withstanding Voltage : 500V AC (for one minute)
5. Operating Temperature Range : –30˚C to +65˚C
6. Operating Life : 3,000 cycles

■ Material and Plating

- Housing : Thermoplastic Resin, Black, 94V-0
- Contact : Cu Alloy,
  Au Plating (Contact Section)
  Au Flash Plating (Terminal Section)
- Shield Cover : Stainless Steel,
  Selective Au Flash Plating

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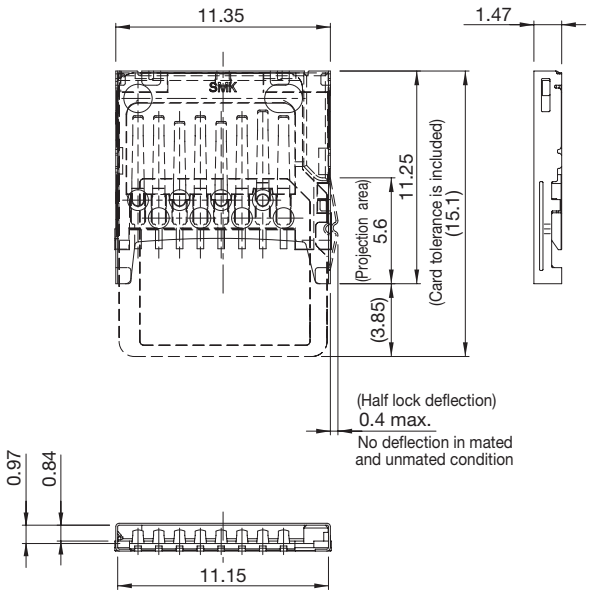
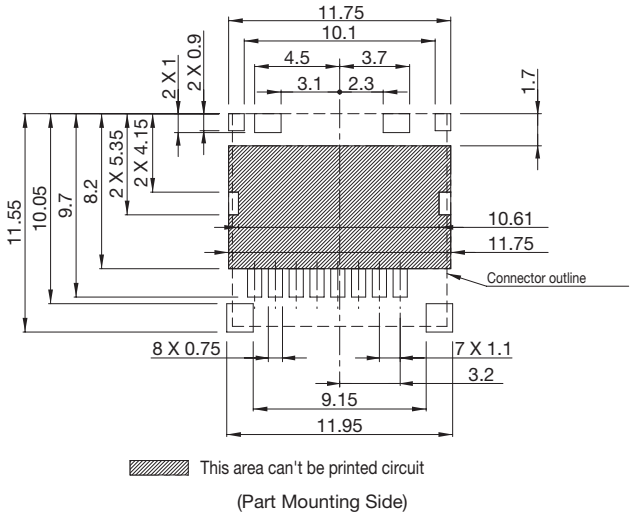
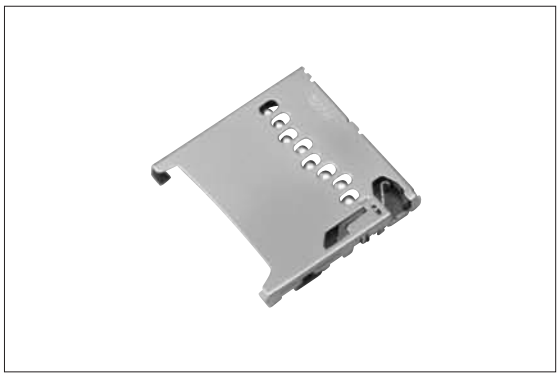


■ P. C. Board Dimension



microSD™ Card Connector



■ Features

1. Low profile and space-saving design of 1.32mm mounting height, 11.35mm width and 11.25mm depth.
2. A push/pull system is used for card insertion/withdrawal.
3. With a card detection switch.(Normal closed type)
   Structured to prevent any foreign matter from getting inside the switch connector's contact area.
4. Normal type of card insertion directions.
5. A half-lock structure can be provided in the shield to prevent the card from dropping out easily.
6. Available with/without a half locking structure.
7. Full hold structure of the shield cover ensures high contact reliability.
8. Enhanced strength due to integral molding of the contacts and housing.
9. Automatic mountable with a sucking space.

■ Specification

1. Rating : 0.5A max., 5V AC/DC
2. Contact Resistance : 100mΩ max.
3. Insulation Resistance : 1000MΩ min. at 500V DC
4. Withstanding Voltage : 500V AC (for one minute)
5. Operating Temperature Range : –25˚C to +65˚C
6. Operating Life : 3,000 cycles

■ Material and Plating

- Housing : Thermoplastic Resin, Black, 94V-0
- Contact : Cu Alloy, Au Plating (Contact Section), Au Flash Plating (Terminal Section)
- Shield Cover : Stainless Steel, Selective Au Flash Plating

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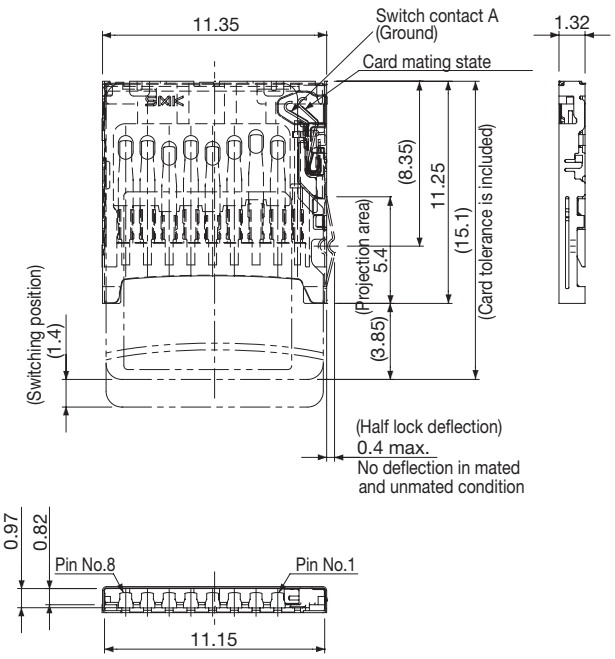
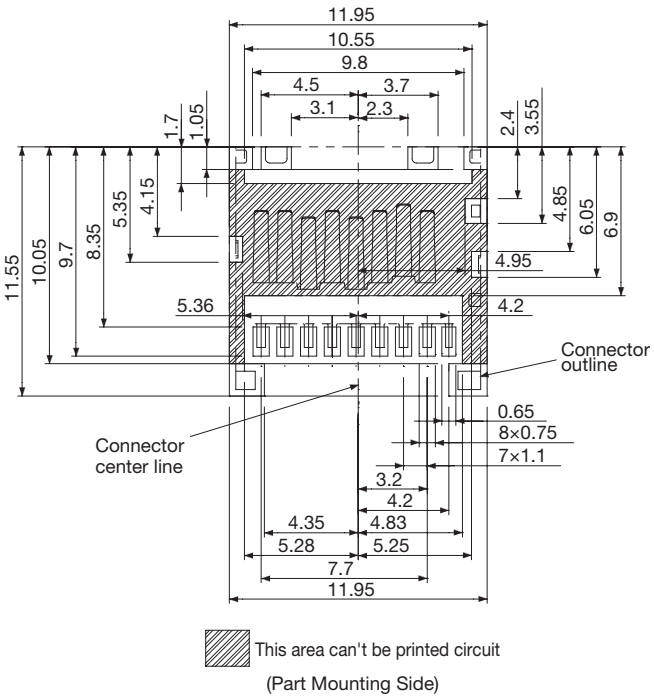


■ P. C. Board Dimension



microSD™ Card Connector (Header Type)

■ Features

1. Complying demands of mounting heights of 2.45 to 6.0mm with same PWB pattern and mounting space.
2. A push/pull system is used for card insertion/withdrawal.
3. Space-saving design with 11.45mm width and 5.3mm depth.
4. Features a card detection switch. (normal open type)
5. A 2-stage sequence structure is used for contact.
6. Robust structure due to placing the hold-down (shield) on the appropriate area and square footage.
7. Automatic mountable with a sucking space.

■ Specification

1. Rating : 0.5A, 5V AC/DC
2. Contact Resistance : 70mΩ max.
3. Insulation Resistance : 1000MΩ min. at 100V DC
4. Withstanding Voltage : 100V AC (for one minute)
5. Operating Temperature Range : –30˚C to +60˚C
6. Operating Life : 3,000 cycles

■ Material and Plating

- Housing : Thermoplastic Resin, Black, 94V-0
- Contact : Cu Alloy
  Au Plating (Contact Section)
  Au Flash Plating (Terminal Section)
- Shield Cover : Stainless Steel,
  Selective Au Flash Plating

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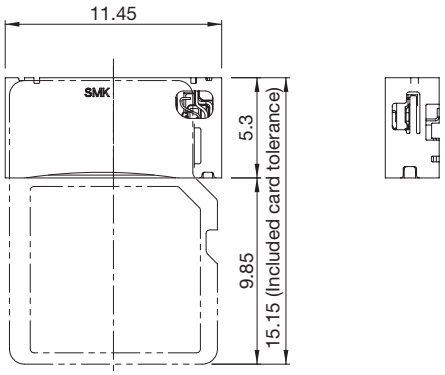
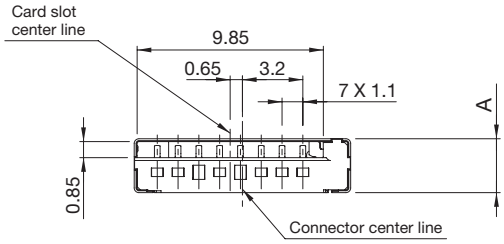
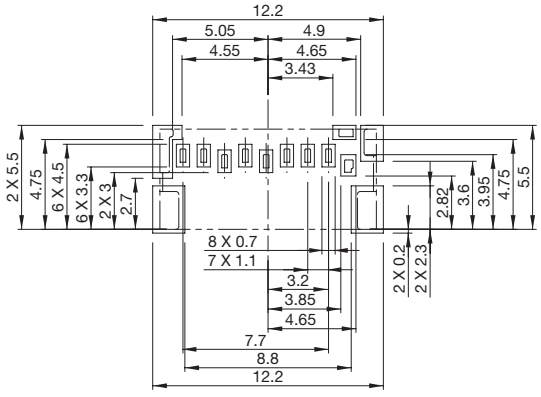




□□	A (Height)
3A	2.45
92	2.85
95	3.60
4A	4.25
99	5.25

■ P. C. Board Dimension



(Part Mounting Side)

- microSD™ is trademark of SD Association.