

MOARCONN

Moarconn Product Manual

www.moarconn.com



Product catalog

Memory Card Socket Series

1. [SD 8.0 Card Socket](#)
2. [SD 7.0 Card Socket](#)
3. [SD 4.0 Card Socket](#)
4. [SD 3.0 Card Socket](#)
5. [Micro SD 7.0 Card Socket](#)
6. [Micro SD 4.0 Card Socket](#)
7. [Micro SD 3.0 Card Socket](#)

Communication Card Socket Series

1. [Nona SIM Card Socket](#)
2. [Micro SIM Card Socket](#)
3. [Mini SIM Card Socket](#)
4. [Smart Card Socket](#)

A collection of decorative squares in dark blue and gold colors scattered across the page. A vertical dark blue line is positioned to the left of the main title.

01

Card Socket

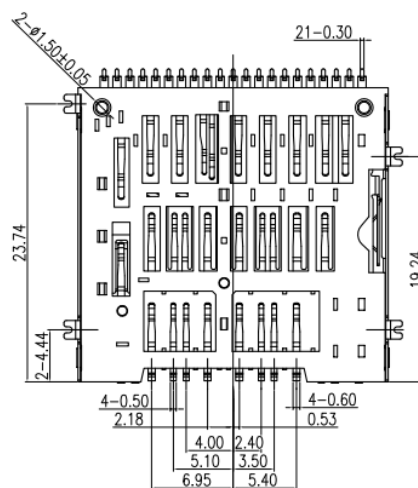
SD 8.0 Card Socket

Product description

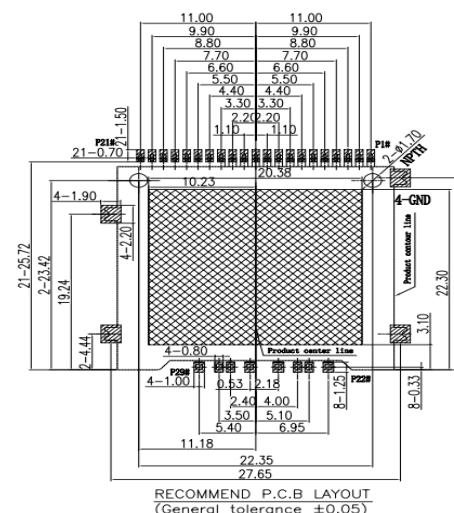
Description



SD 8.0 Card Socket



P/N: SD294-T6151-01



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H2.94mm
Ejector Type: Push-Pull
Card Support: UHS ISD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni
Shell: SUS304-H
Plating: Au/Sn/Ni

Parameters

Rating Voltage: 500V(AC/DC)
Current Rating: 0.5A/Pin
Contact Resistance: 100M Ω
Insulation Resistance: 1000 M Ω
Useful Life: 5000 cycles

The page features several decorative squares in two shades of brown. A vertical line is positioned to the right of the '02' text.

02

Card Socket

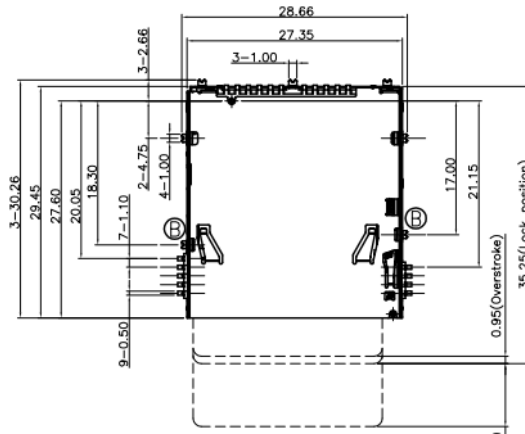
SD 7.0 Card Socket

Product description

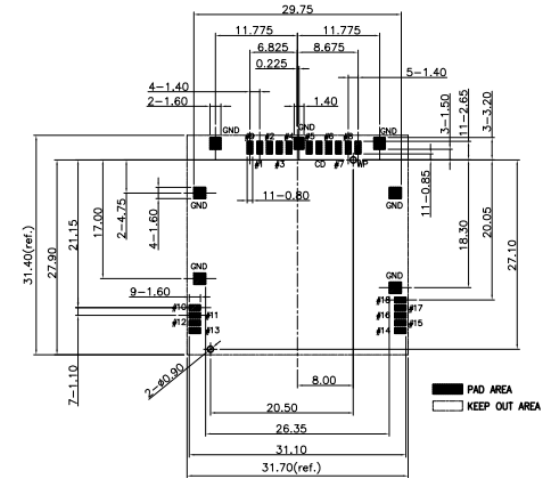
Description



SD 7.0 Card Socket



P/N: SD325-T1150-01



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H2.94mm
Ejector Type: Push-Push
Card Support: UHS ISD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Ni
Shell: SUS304-H
Plating: Ni

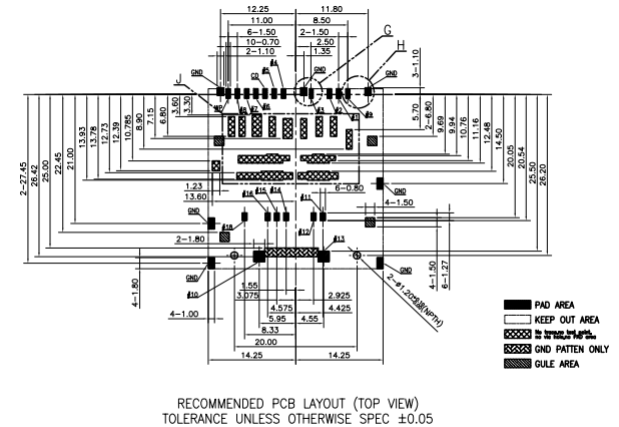
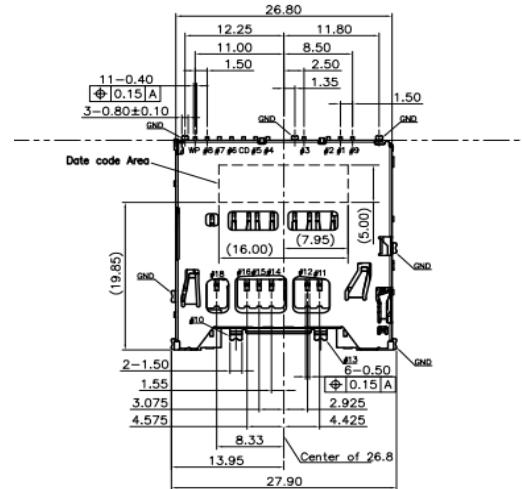
Parameters

Rating Voltage: 500V(AC/DC)
Current Rating: 0.5A/Pin
Contact Resistance: 100MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

Description

SD 7.0 Card Socket

P/N: SD400-T1251-01



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H4.00mm
Ejector Type: Push-Push
Card Support: UHS ISD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Ni
Shell: SUS304-H
Plating: Ni

Parameters

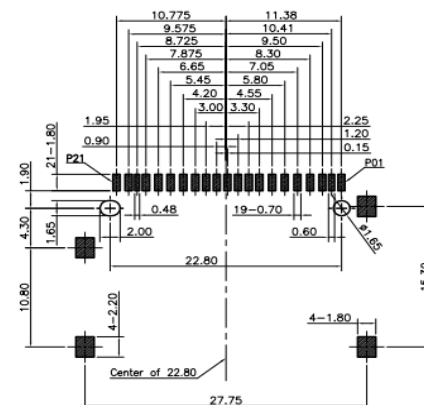
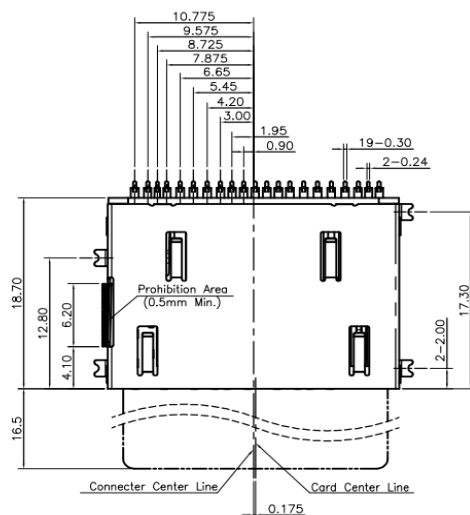
Rating Voltage: 500V(AC/DC)
Current Rating: 0.5A/Pin
Contact Resistance: 100 mΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

Description



SD 7.0 Card Socket

P/N: SD500-T1250-01



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H5.00mm
Ejector Type: Push-Pull
Card Support: UHS ISD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni
Shell: SUS304-H
Plating: Ni

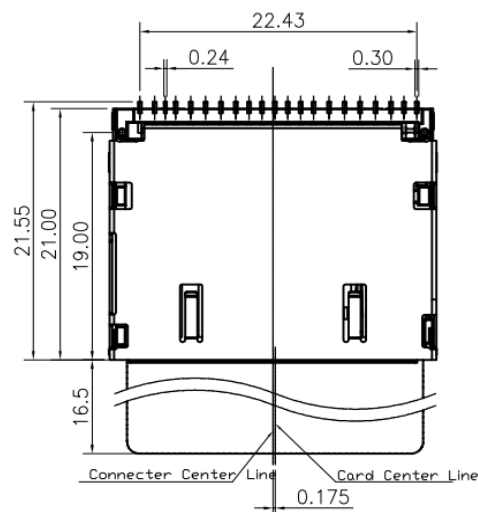
Parameters

Rating Voltage: 500V(AC/DC)
Current Rating: 0.5A/Pin
Contact Resistance: 100 mΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

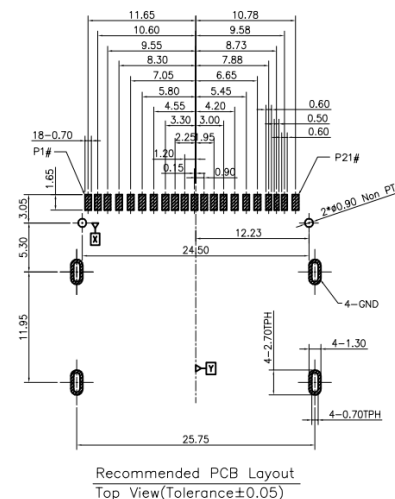
Description



SD 7.0 Card Socket



P/N: SD587-D1250-01



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H5.87mm
Ejector Type: Push-Pull
Card Support: UHS ISD/MMC Card
Welding Type: DIP

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni
Shell: SUS304-H
Plating: Ni

Parameters

Rating Voltage: 500V(AC/DC)
Current Rating: 0.5A/Pin
Contact Resistance: 100 mΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

A collection of decorative squares in various shades of blue and orange are scattered across the page. A vertical blue line is positioned to the left of the main title.

03

Card Socket

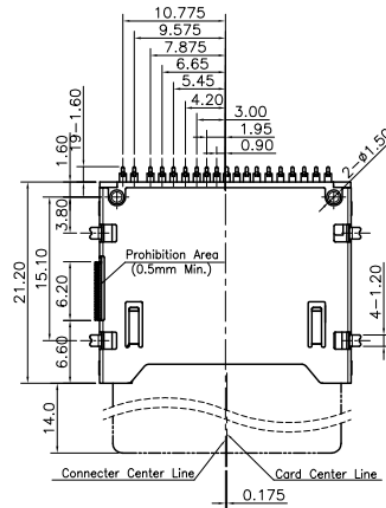
SD 4.0 Card Socket

Product description

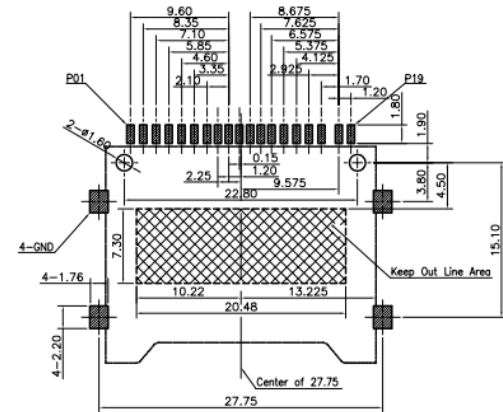
Description



SD 4.0 Card Socket



P/N: SD290-T1250-01



Recommended PCB Layout
Top View (Tolerance 0.05)

Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H2.90mm
Ejector Type: Push-Pull
Card Support: UHS ISD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni
Shell: SUS304
Plating: Ni

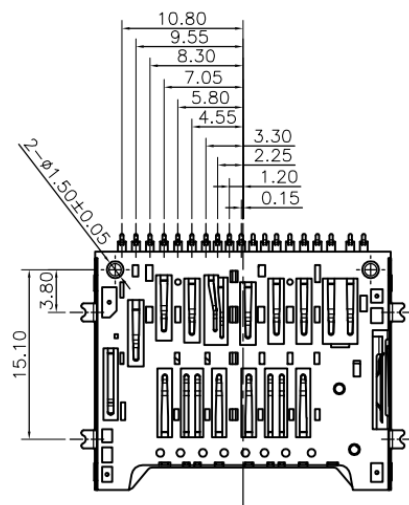
Parameters

Rating Voltage: 500V(AC/DC)
Current Rating: 0.5A/Pin
Contact Resistance: 100MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

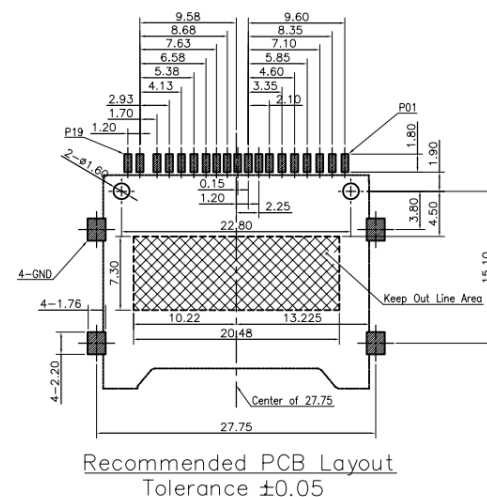
Description



SD 4.0 Card Socket



P/N: SD313-T1251-01



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H3.13mm
Ejector Type: Push-Pull
Card Support: UHS ISD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni
Shell: SUS304
Plating: Ni

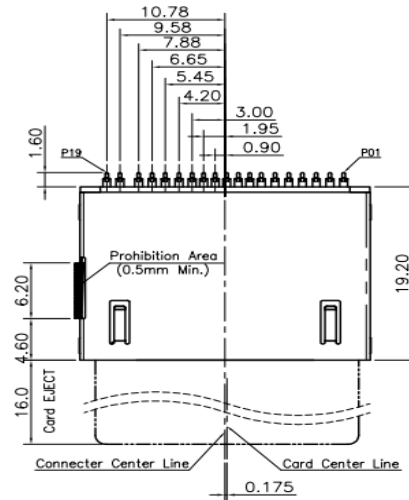
Parameters

Rating Voltage: 500V(AC/DC)
Current Rating: 0.5A/Pin
Contact Resistance: 100 MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

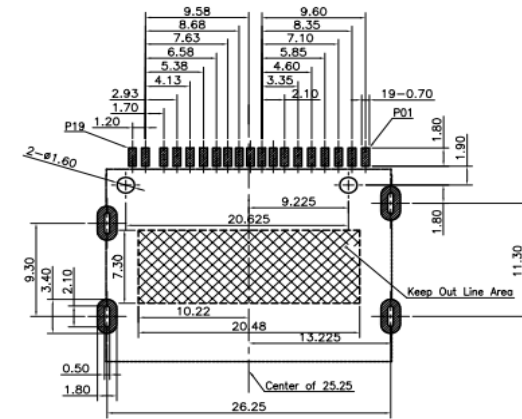
Description



SD 4.0 Card Socket



P/N: SD400-D1251-20



Recommended PCB Layout
Tolerance :±0.05

Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H4.00mm
Ejector Type: Push-Push
Card Support: UHS ISD/MMC Card
Welding Type: DIP

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni
Shell: SUS304
Plating: Ni

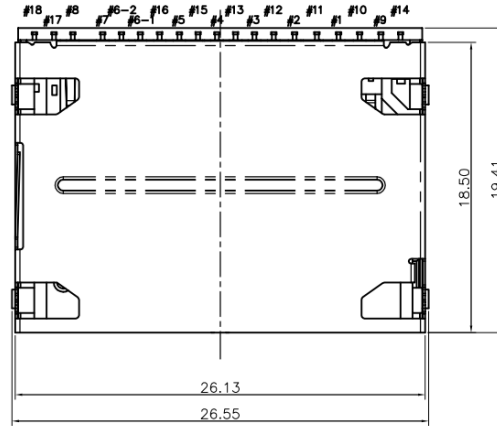
Parameters

Rating Voltage: 500V(AC/DC)
Current Rating: 0.5A/Pin
Contact Resistance: 100MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

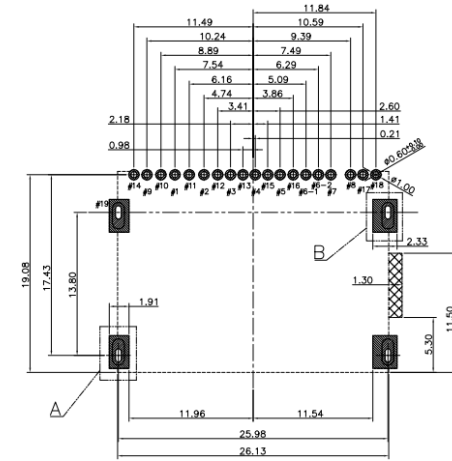
Description



SD 4.0 Card Socket



P/N: SD523-D6251-01



Recommended PCB Layout
Top View (Tolerance ±0.05)

Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H5.23mm
Ejector Type: Push-Pull
Card Support: UHS ISD/MMC Card
Welding Type: DIP

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au
Shell: SUS304
Plating: Ni

Parameters

Rating Voltage: 500V(AC/DC)
Rating Voltage: 0.5 A/Pin
Contact Resistance: 50 MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

04

Card Socket

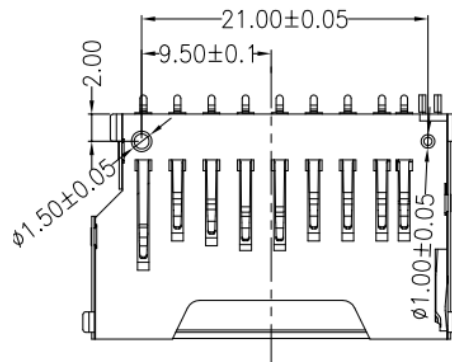
SD 3.0 Card Socket

Product description

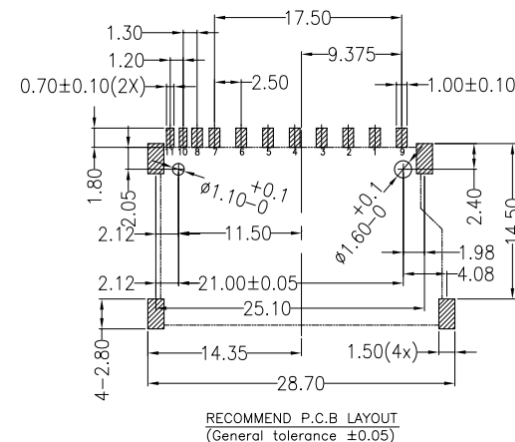
Description



SD 3.0 Card Socket



P/N: SDD-T1250-08



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H3.09mm
Ejector Type: Non push type
Card Support: UHS ISD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni
Shell: C2680R-H
Plating: Ni

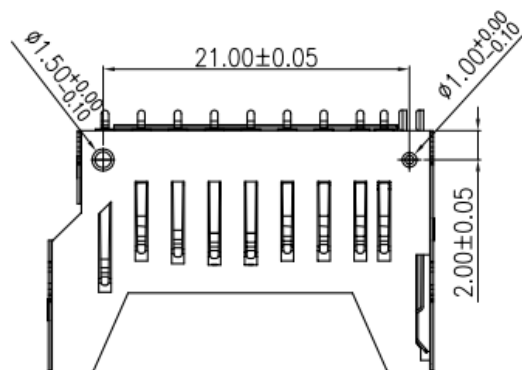
Parameters

Rating Voltage: 500V(AC/DC)
Rating Voltage: 0.5 A/Pin
Contact Resistance: 100 MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

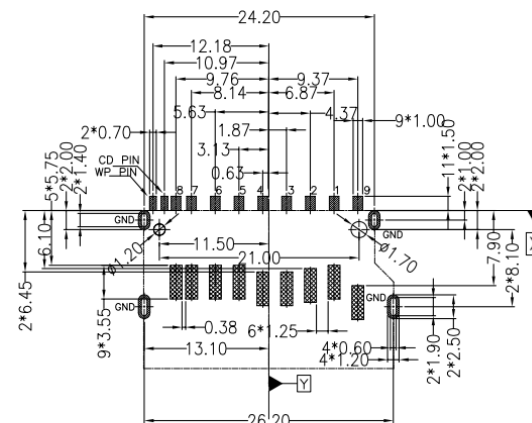
Description



SD 3.0 Card Socket



P/N: SDD-T1250-71



RECOMMENDED P.C.B LAYOUT
(General tolerance ± 0.05)

Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H2.80mm
Ejector Type: Non push type
Card Support: UHS SD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Sn/Ni
Shell: C2680R-H
Plating: Ni

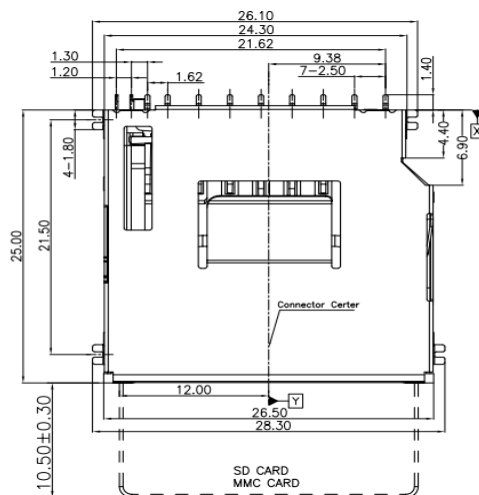
Parameters

Rating Voltage: 500V(AC/DC)
Current Rating: 0.5A/Pin
Contact Resistance: 100M Ω
Insulation Resistance: 1000 M Ω
Useful Life: 5000 cycles

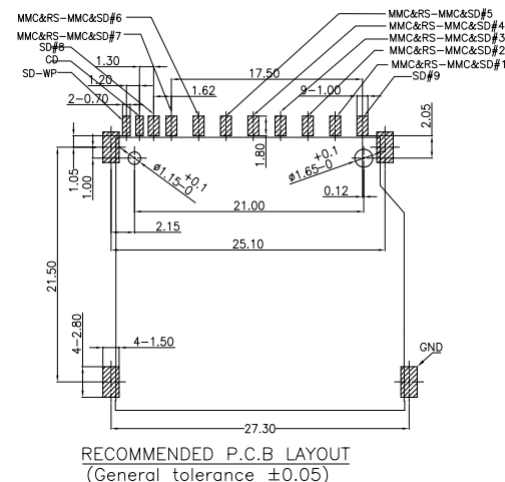
Description



SD 3.0 Card Socket



P/N: SDC-T1150-01



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H3.43mm
Ejector Type: Push-Pull
Card Support: UHS SD/MMC Card
Welding Type: SMT

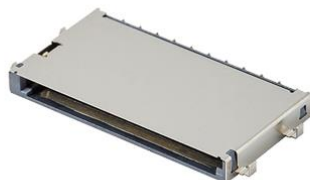
Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni
Shell: SUS304
Plating: Ni

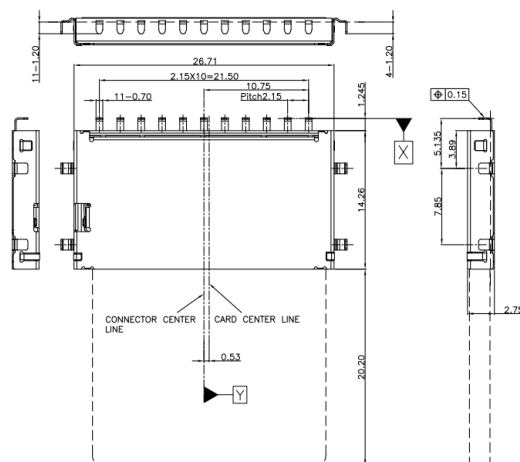
Parameters

Rating Voltage: 500V(AC/DC)
Current Rating: 0.5A/Pin
Contact Resistance: 100 mΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

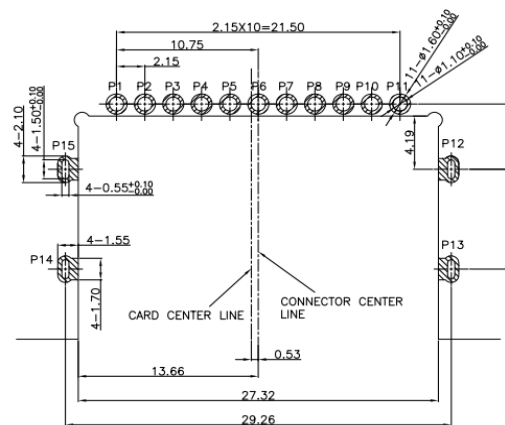
Description



SD 3.0 Card Socket



P/N: SDE-T1250-52



RECOMMEND P.C.B LAYOUT
(General tolerance ± 0.05)

Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H2.75mm
Ejector Type: Push-Pull
Card Support: UHS SD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni
Shell: SUS304
Plating: Ni

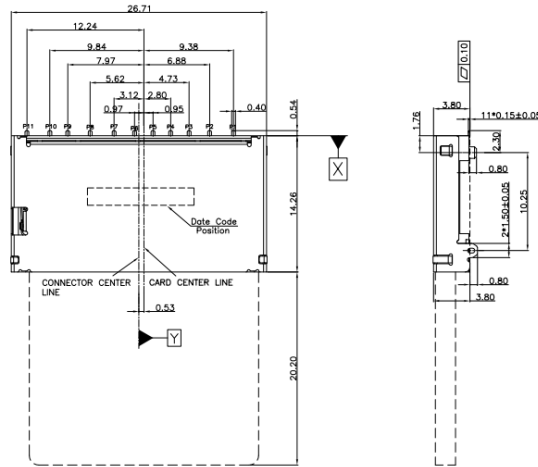
Parameters

Rating Voltage: 500V(AC/DC)
Current Rating : 0.5A/Pin
Contact Resistance: 100 MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

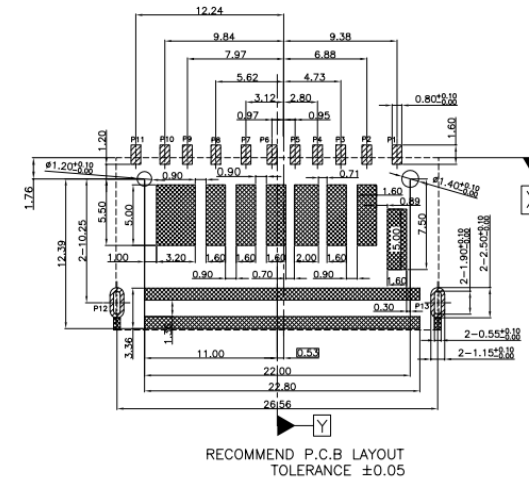
Description



SD 3.0 Card Socket



P/N: SDE-T1250-31



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H3.80mm
Ejector Type: Push-Pull
Card Support: UHS SD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni
Shell: SUS304
Plating: Ni

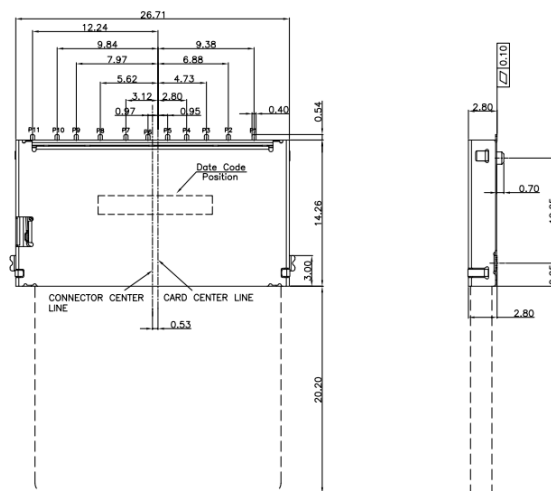
Parameters

Rating Voltage: 500V(AC/DC)
Current Rating: 0.5A/Pin
Contact Resistance: 100 mΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

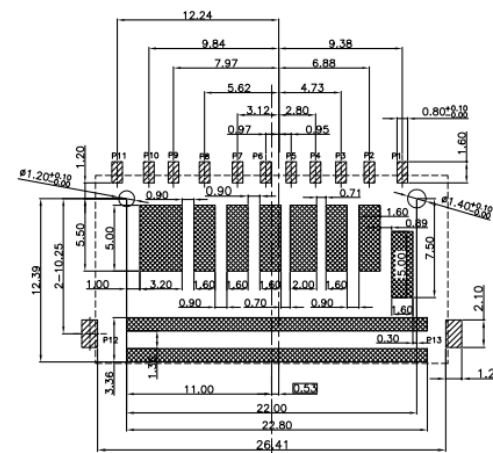
Description



SD 3.0 Card Socket



P/N: SDE-T1250-21



RECOMMEND P.C.B LAYOUT
TOLERANCE ± 0.05

Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H2.80mm
Ejector Type: Push-Pull
Card Support: UHS SD/MMC Card
Welding Type: SMT

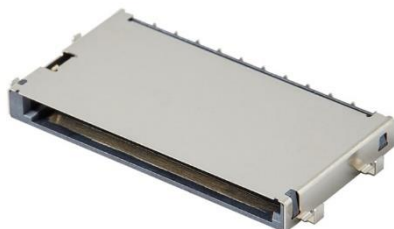
Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Ni
Shell: SUS304
Plating: Ni

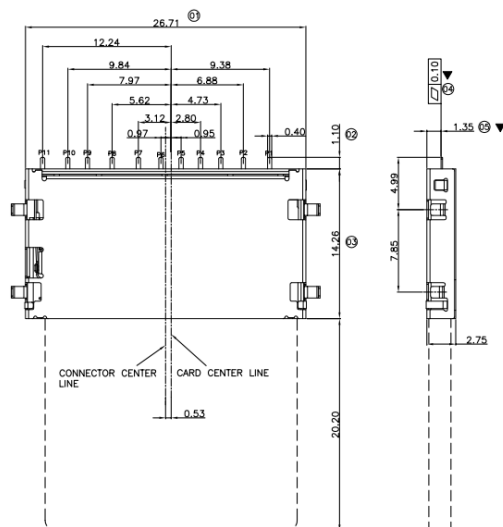
Parameters

Rating Voltage: 500V(AC/DC)
Current Rating: 0.5A/Pin
Contact Resistance: 100 mΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

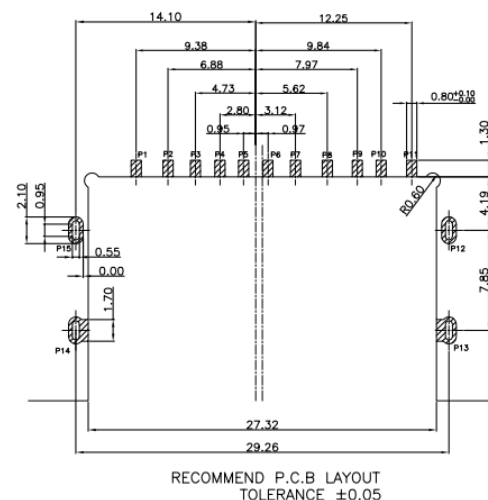
Description



SD 3.0 Card Socket



P/N: SDE-D1250-11



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H2.75mm
Ejector Type: Push-Pull
Card Support: UHS SD/MMC Card
Welding Type: DIP

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Ni
Shell: SUS304
Plating: Ni

Parameters

Rating Voltage: 500V(AC/DC)
Current Rating: 0.5A/Pin
Contact Resistance: 100 MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

The page features several decorative squares of varying sizes and shades of brown and tan scattered across the background. A vertical blue line is positioned to the right of the large number '05'.

05

Card Socket

Micro SD 7.0 Card Socket

Product description

A collection of decorative squares in dark blue and gold colors scattered across the page. A vertical dark blue line is positioned to the right of the '06' text.

06

Card Socket

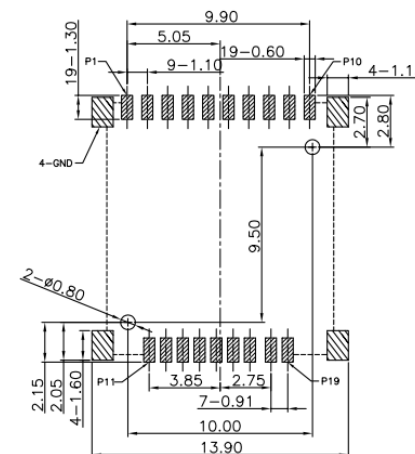
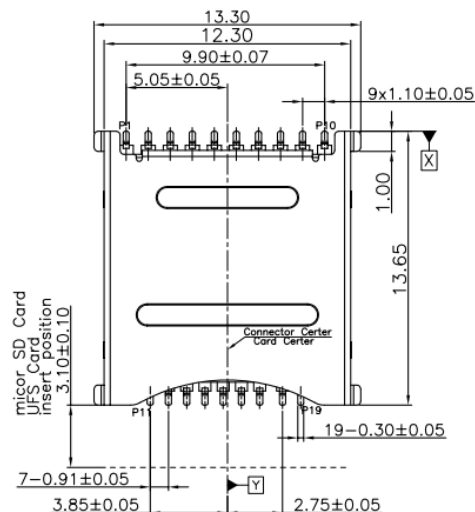
Micro SD 4.0 Card Socket

Product description

Description

Micro SD 4.0 Card Socket

P/N: UF160-T1131-11



RECOMMEND P.C.B LAYOUT
(General tolerance ± 0.05)

Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H1.60mm
Ejector Type: Push-Pull
Card Support: UHS SD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Ni
Shell: SUS304
Plating: Ni

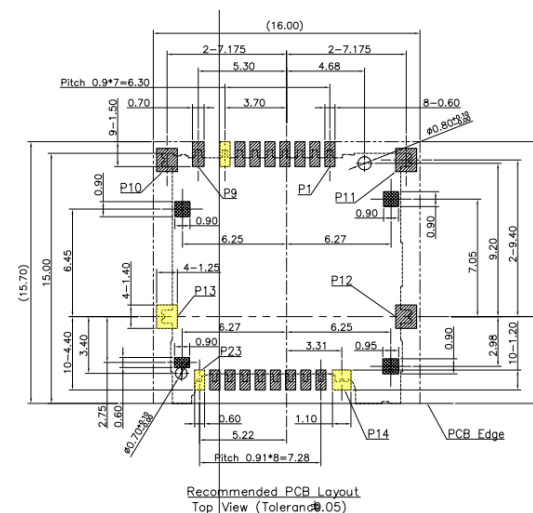
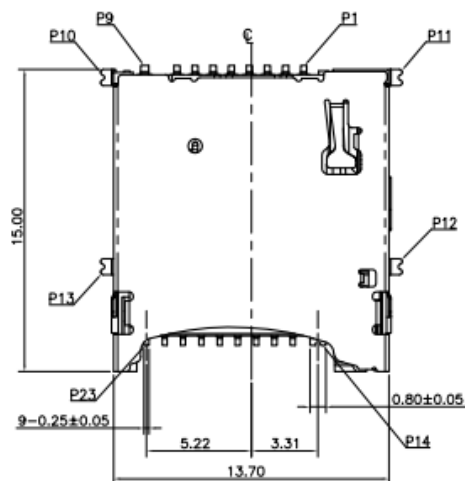
Parameters

Rating Voltage: 500 (AC/DC)
Current Rating: 0.5 A/Pin
Contact Resistance: 200 mΩ
Insulation Resistance: 500 MΩ
Useful Life: 5000 cycles

Description

Micro SD 4.0 Card Socket

P/N: MS290-T1150-01



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H2.90mm
Ejector Type: Push-Push
Card Support: UHS SD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Ni
Shell: SUS304
Plating: Ni

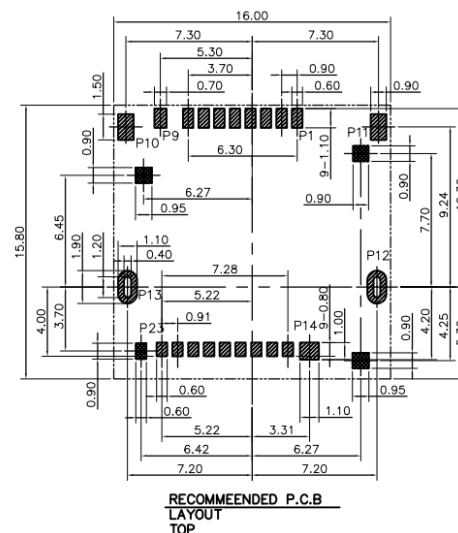
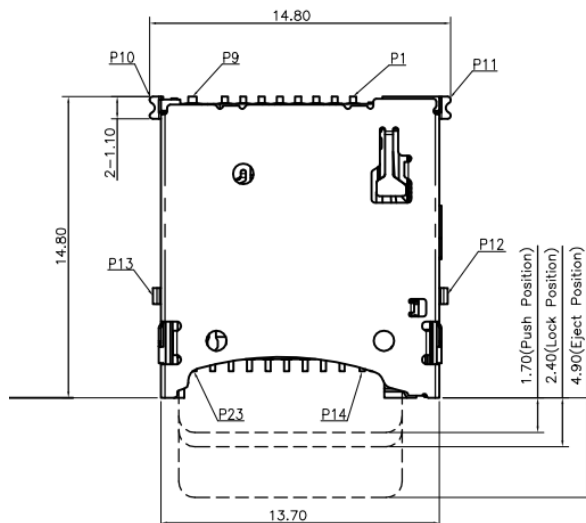
Parameters

Rating Voltage: 500 (AC/DC)
Current Rating: 0.5A/Pin
Contact Resistance: 200MΩ
Insulation Resistance: 500 MΩ
Useful Life: 5000 cycles

Description

Micro SD 4.0 Card Socket

P/N: MC167-T1150-01



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: .167mm
Ejector Type: Push-Push
Card Support: UHS SD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni
Shell: SUS304
Plating: Ni

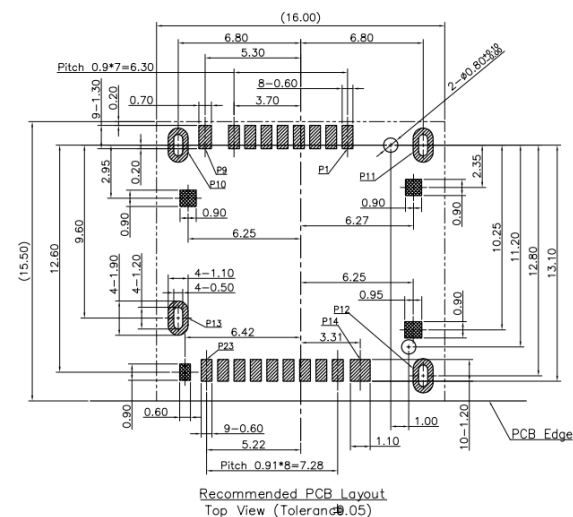
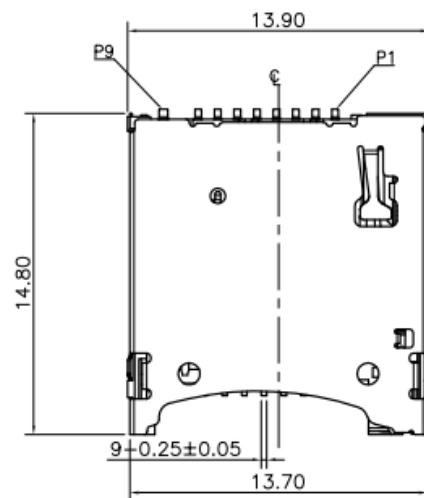
Parameters

Rating Voltage: 500 (AC/DC)
Current Rating: 0.5A/Pin
Contact Resistance: 200 MΩ
Insulation Resistance: 500 MΩ
Useful Life: 5000 cycles

Description

Micro SD 4.0 Card Socket

P/N: MS370-D1150-11



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H3.70mm
Ejector Type: Push-Push
Card Support: UHS SD/MMC Card
Welding Type: DIP

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Ni
Shell: SUS304
Plating: Ni

Parameters

Rating Voltage: 500 (AC/DC)
Current Rating: 0.5 A/Pin
Contact Resistance: 200 MΩ
Insulation Resistance: 500 MΩ
Useful Life: 5000 cycles

A collection of decorative squares in dark blue and gold colors scattered across the page. A vertical dark blue line is positioned to the left of the main title.

07

Card Socket

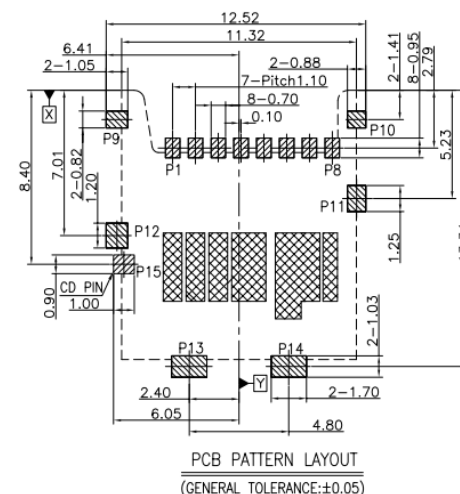
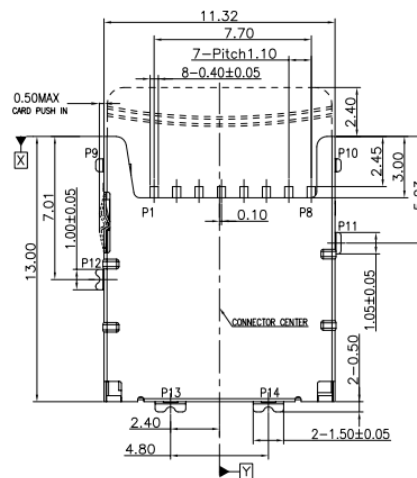
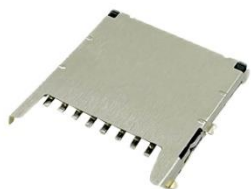
Micro SD 3.0 Card Socket

Product description

Description

Micro SD 3.0 Card Socket

P/N: TF115-T1251-01



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H1.15mm
Ejector Type: Push-Push
Card Support: UHS SD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni
Shell: SUS304
Plating: Ni

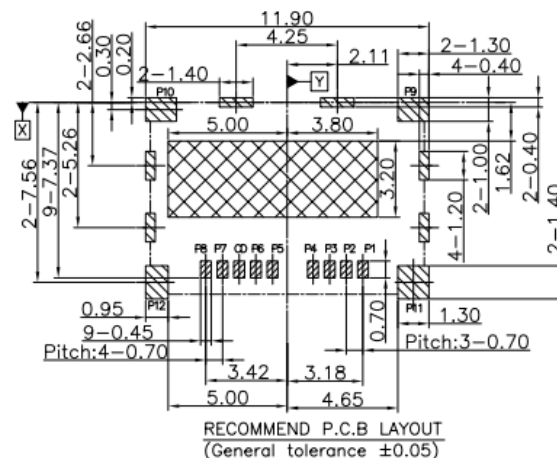
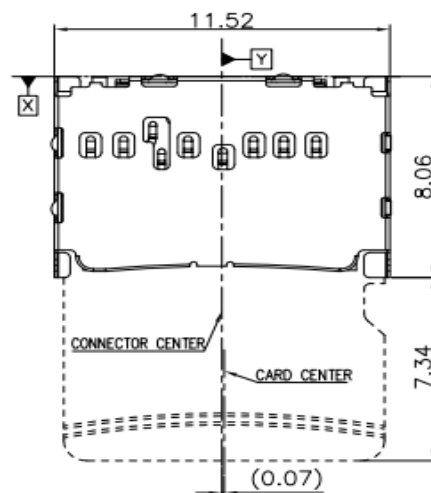
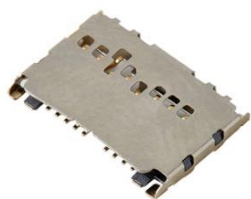
Parameters

Rating Voltage: 500 (AC/DC)
Current Rating: 0.5 A/Pin
Contact Resistance: 100 MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

Description

Micro SD 3.0 Card Socket

P/N: MS115-T7131-02



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H1.15mm
Ejector Type: Push-Pull
Card Support: UHS SD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Pd/Ni
Shell: SUS304
Plating: Ni

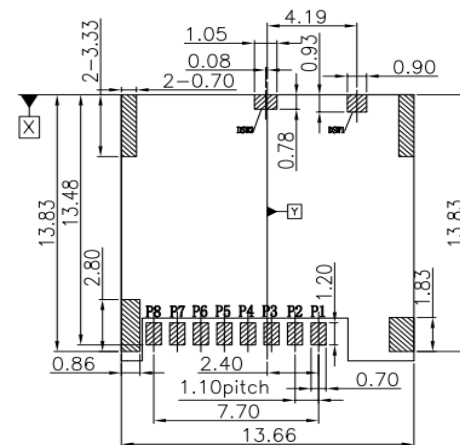
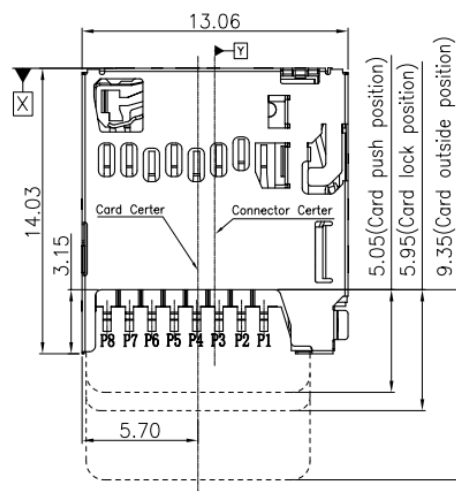
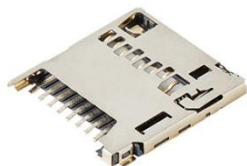
Parameters

Rating Voltage: 500 (AC/DC)
Current Rating: 0.5 A/Pin
Contact Resistance: 100 mΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

Description

Micro SD 3.0 Card Socket

P/N: TF128-T1151-02



RECOMMEND P.C.B LAYOUT
(General tolerance ± 0.05)

Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H1.28mm
Ejector Type: Push-Push
Card Support: UHS SD/MMC Card
Welding Type: SMT

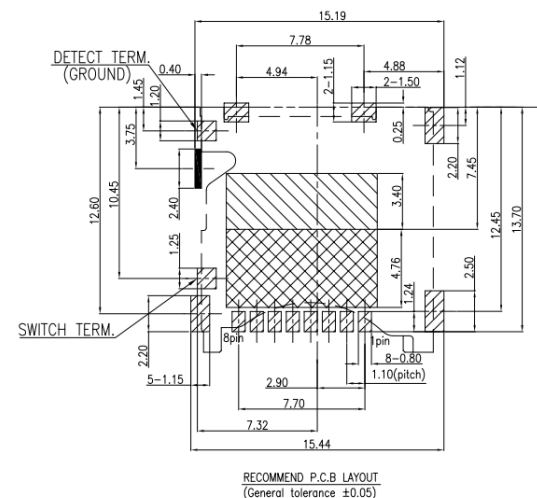
Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Ni
Shell: SUS301
Plating: Ni

Parameters

Rating Voltage: 500 (AC/DC)
Current Rating: 0.5 A/Pin
Contact Resistance: 100 mΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

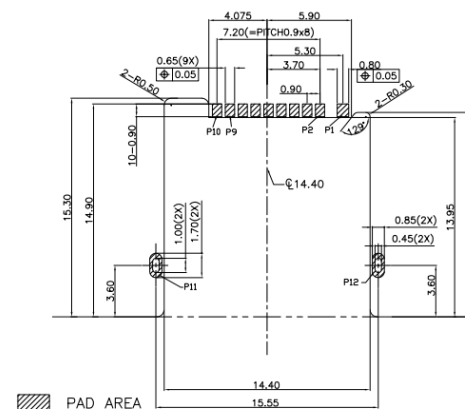
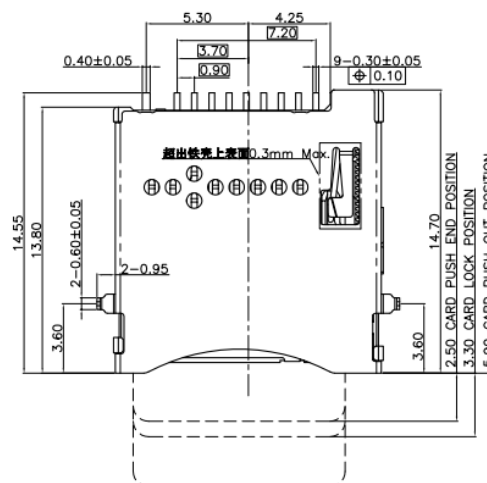
P/N: TF145-T1251-01



Description

Micro SD 3.0 Card Socket

P/N: MC175-T1250-01



Recommended P.C.B LAYOUT
BOTTOM VIEW(CONNECTOR) (TOLERANCE+/-0.05)
TOP VIEW(SYSTEM)

Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H1.75mm
Ejector Type: Push-Push
Card Support: UHS SD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni
Shell: SUS304
Plating: Ni

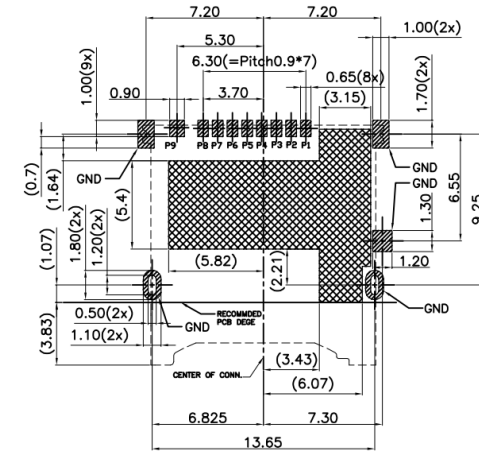
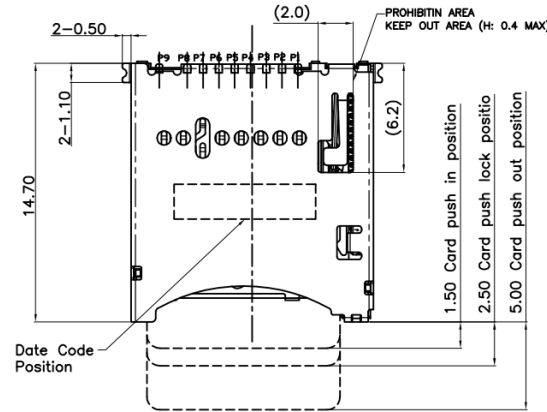
Parameters

Rating Voltage: 500 (AC/DC)
Current Rating: 0.5 A/Pin
Contact Resistance: 100 MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

Description

Micro SD 3.0 Card Socket

P/N: MC150-T1251-11



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H1.50mm
Ejector Type: Push-Push
Card Support: UHS SD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni
Shell: SUS304
Plating: Ni

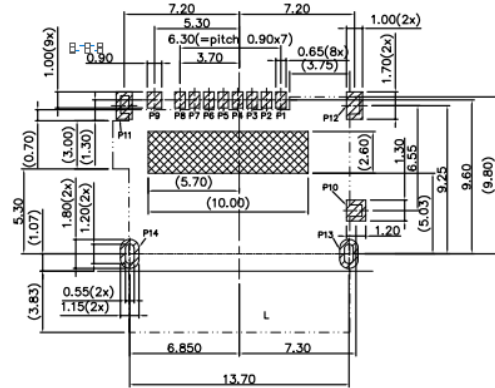
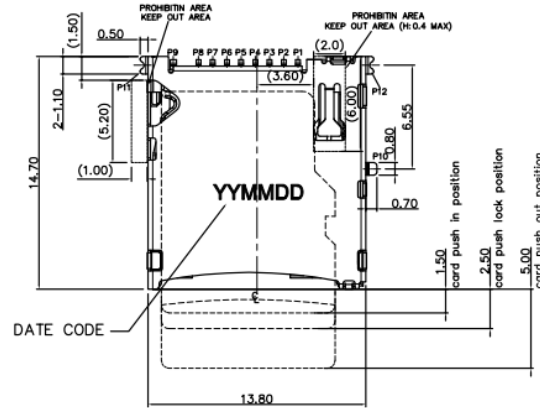
Parameters

Rating Voltage: 500 (AC/DC)
Current Rating: 0.5 A/Pin
Contact Resistance: 100 MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

Description

Micro SD 3.0 Card Socket

P/N: MC150-T1250-21



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H1.50mm
Ejector Type: Push-Push
Card Support: UHS SD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni
Shell: SUS304
Plating: Ni

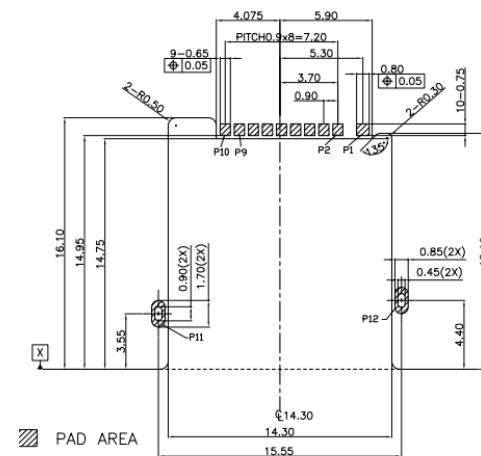
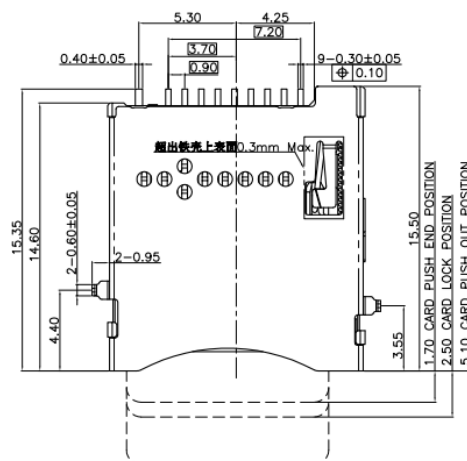
Parameters

Rating Voltage: 500 (AC/DC)
Current Rating: 0.5 A/Pin
Contact Resistance: 100 MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

Description

Micro SD 3.0 Card Socket

P/N: MS160-T1250-01



Recommended P.C.B LAYOUT
BOTTOM VIEW(CONNECTOR) (TOLERANCE+/-0.05)
TOP VIEW(SYSTEM)

Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H1.60mm
Ejector Type: Push-Push
Card Support: UHS SD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni
Shell: SUS304
Plating: Ni

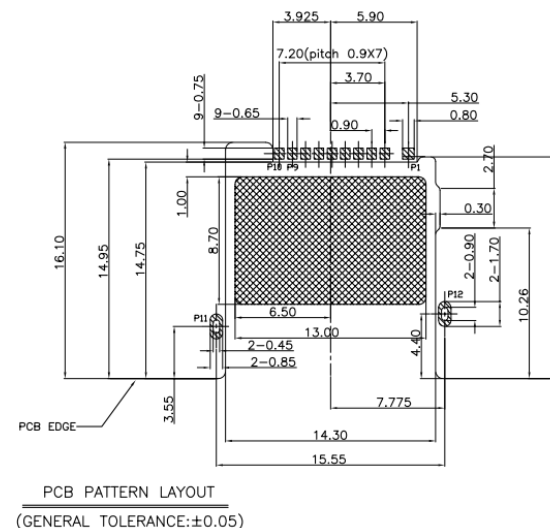
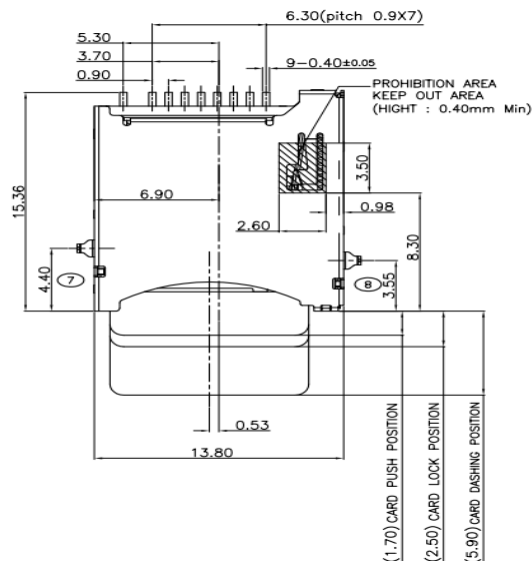
Parameters

Rating Voltage: 500 (AC/DC)
Current Rating: 0.5 A/Pin
Contact Resistance: 100 MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

Description

Micro SD 3.0 Card Socket

P/N: MS135-T1230-51



Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H1.75mm
Ejector Type: Push-Push
Card Support: UHS SD/MMC Card
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Ni
Shell: SUS304
Plating: Ni

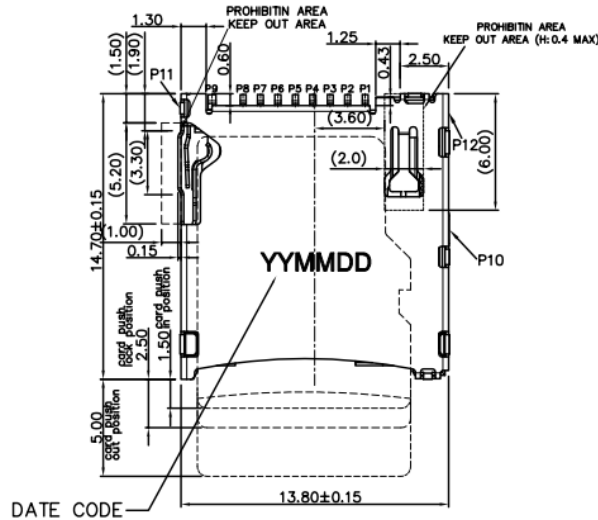
Parameters

Rating Voltage: 500 (AC/DC)
Current Rating: 0.5 A/Pin
Contact Resistance: 100 MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

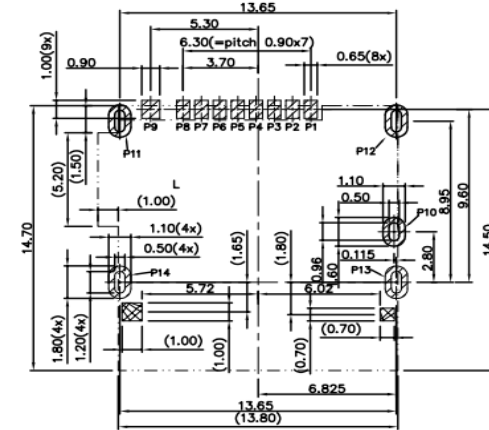
Description



Micro SD 3.0 Card Socket



P/N: MC210-D1250-01



RECOMMENDED PCB LAYOUT(TOP VIEW)
GENERAL TOLERANCE: ± 0.05
 PAD AREA NO COPPER AREA
 KEEP OUT AREA

Application

- Computer
- Card docking
- 3C Digital
- Vehicle

Attribute

Product Height: H2.10mm
Ejector Type: Push-Push
Card Support: UHS SD/MMC Card
Welding Type: DIP

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni
Shell: SUS304
Plating: Ni

Parameters

Rating Voltage: 500 (AC/DC)
Current Rating: 0.5mA/Pin
Contact Resistance: 100 MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

A collection of small squares in two shades of brown (tan and dark brown) scattered across the white background. Some are solid, while others are slightly transparent, creating a modern, minimalist aesthetic.

01

Card Socket

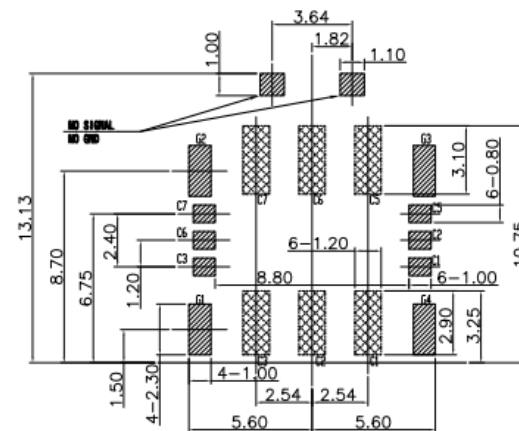
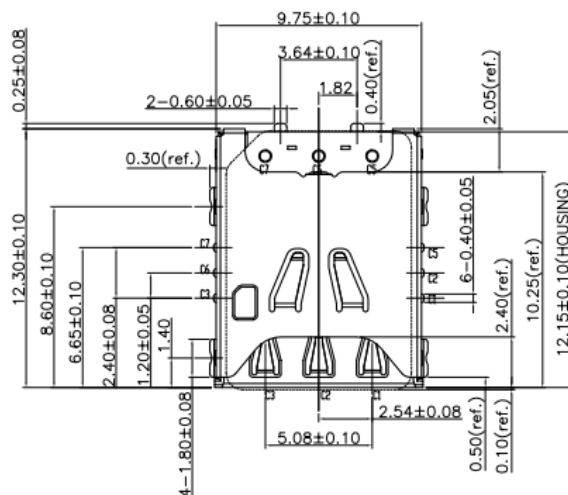
Nano SIM Card Socket

Product description

Description

Nano SIM Socket

P/N: NS110-T1151-01



Recommended PCB Layout
Top View (Tolerance ± 0.05)

Application

- Tablet PC
- Laptop PC
- Mobile
- Smart Home
- Smart Car

Attribute

Product Height: H1.10mm

Ejector Type: Push-Pull

Welding Type: SMT

Material

Base: LCP

Pin: Phosphor Bronze

Plating: Au/Ni

Shell: SUS304

Plating: Au/Ni

Parameters

Rating Voltage: 500 (AC/DC)

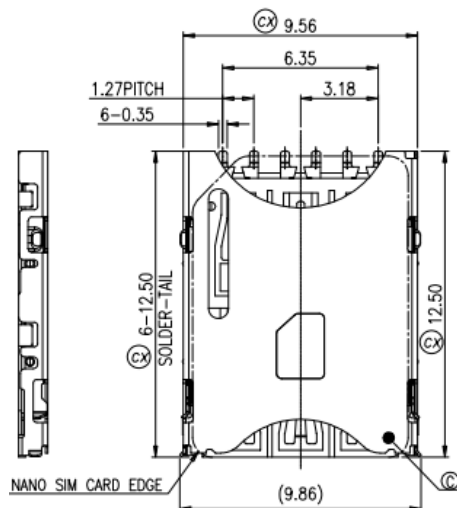
Current Rating: 0.5 A/Pin

Contact Resistance: 100 MΩ

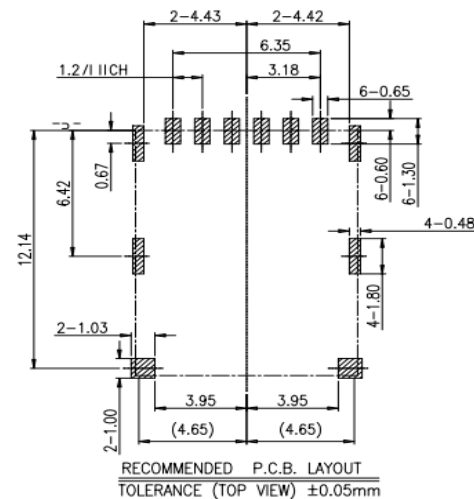
Insulation Resistance: 1000 MΩ

Useful Life: 1500 cycles

Description



P/N: NS120-T1161-01



Application

- Tablet PC
- Laptop PC
- Mobile
- Smart Home
- Smart Car

Attribute

Product Height: H1.20mm

Ejector Type: Push-Pull

Welding Type: SMT

Material

Base: LCP

Pin: Phosphor Bronze

Plating: Au/Ni

Shell: SUS304

Plating: Au/Ni

Parameters

Rating Voltage: 500 (AC/DC)

Current Rating: 0.5 A/Pin

Contact Resistance: 100 M Ω

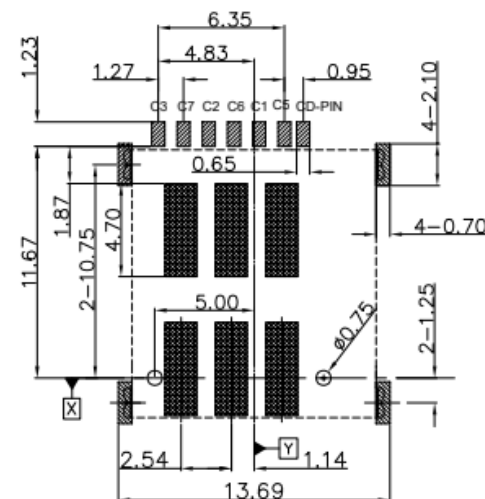
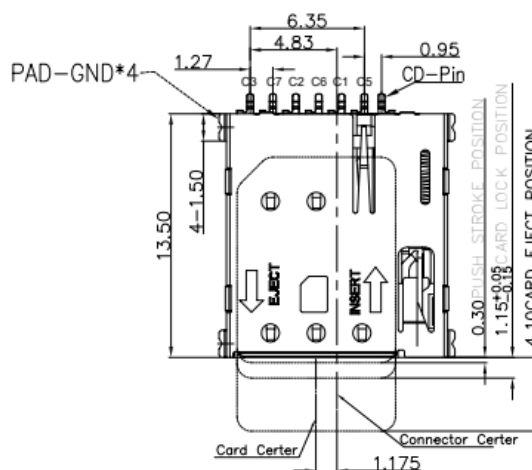
Insulation Resistance: 1000 M Ω

Useful Life: 1500 cycles

Description

Nano SIM Socket

P/N: NS135-T1151-01



Application

- Tablet PC
- Laptop PC
- Mobile
- Smart Home
- Smart Car

Attribute

Product Height: H1.35mm

Ejector Type: Push-Push

Welding Type: SMT

Material

Base: LCP

Pin: Phosphor Bronze

Plating: Au/Ni

Shell: SUS304

Plating: Au/Ni

Parameters

Rating Voltage: 125 (AC/DC)

Current Rating: 0.5mA/Pin

Contact Resistance: 100 MΩ

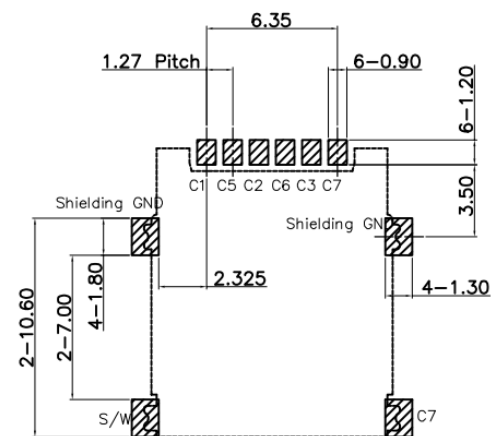
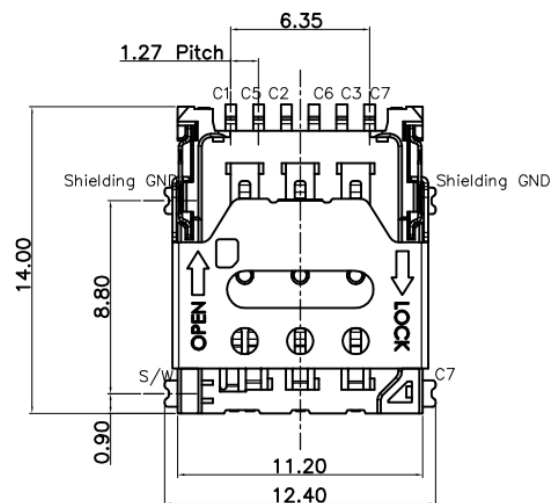
Insulation Resistance: 1000 MΩ

Useful Life: 3000 cycles

Description

Nano SIM Socket

P/N: NS143-T1151-01



Recommended PCB Layout (Top View)
General Tolerance ± 0.05

Application

- Tablet PC
- Laptop PC
- Mobile
- Smart Home
- Smart Car

Attribute

Product Height: H1.43mm

Ejector Type: Hinge

Welding Type: SMT

Material

Base: LCP

Pin: Phosphor Bronze

Plating: Au/Ni

Shell: SUS304

Plating: Au/Ni

Parameters

Rating Voltage: 125 (AC/DC)

Current Rating: 0.5mA/Pin

Contact Resistance: 80 m Ω

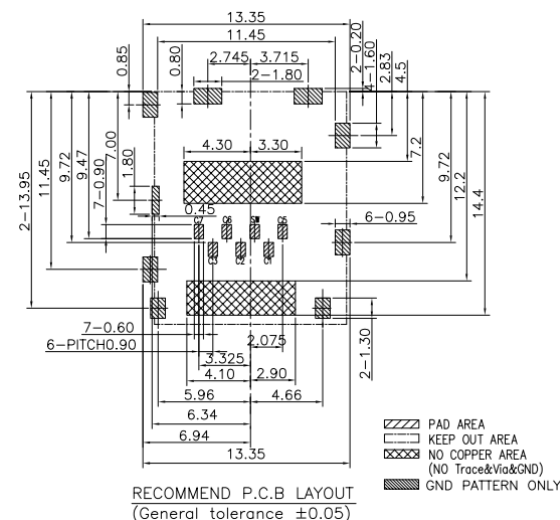
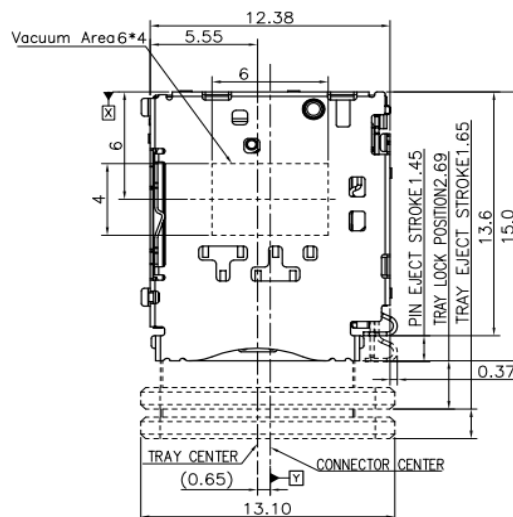
Insulation Resistance: 100 m Ω

Useful Life: 5000 cycles

Description

Nano SIM Socket

P/N: NS150-T1131-18



Application

- Tablet PC
- Laptop PC
- Mobile
- Smart Home
- Smart Car

Attribute

Product Height: H1.50mm
Ejector Type: With Tray
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Ni
Shell: SUS304
Plating: Au/Ni

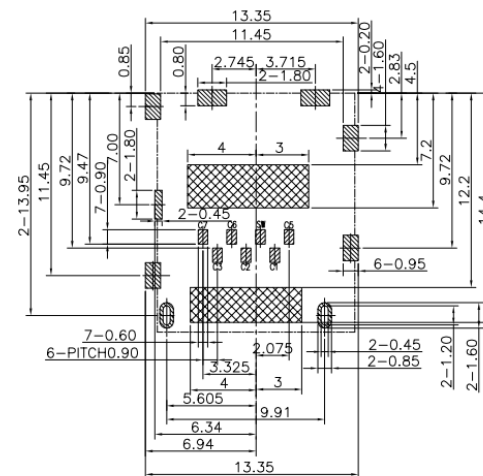
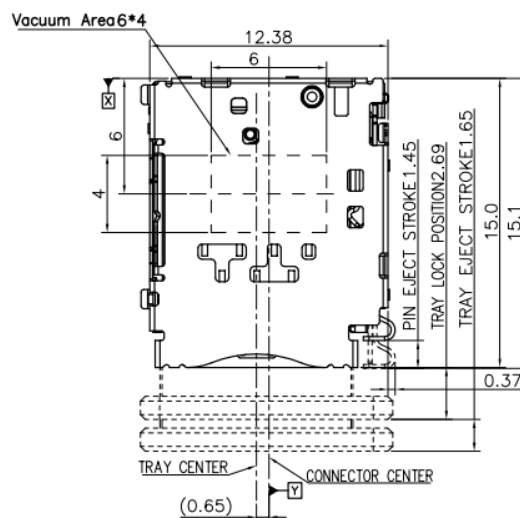
Parameters

Rating Voltage: 500 (AC/DC)
Current Rating: 0.5 A/Pin
Contact Resistance: 50 mΩ
Insulation Resistance: 1000 mΩ
Useful Life: 5000 cycles

Description

Nano SIM Socket

P/N: NS150-D1131-04



RECOMMEND P.C.B LAYOUT
(General tolerance ± 0.05)

Application

- Tablet PC
- Laptop PC
- Mobile
- Smart Home
- Smart Car

Attribute

Product Height: H1.50mm

Ejector Type: With Tray

Welding Type: DIP

Material

Base: LCP

Pin: Phosphor Bronze

Plating: Au/Ni

Shell: SUS304

Plating: Au/Ni

Parameters

Rating Voltage: 500 (AC/DC)

Current Rating: 0.5 A/Pin

Contact Resistance: 50 mΩ

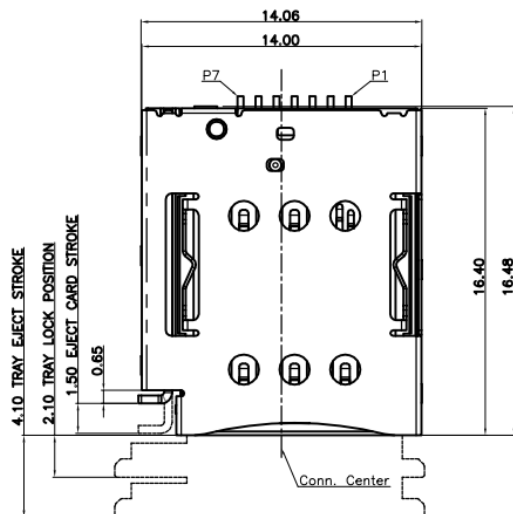
Insulation Resistance: 1000 mΩ

Useful Life: 5000 cycles

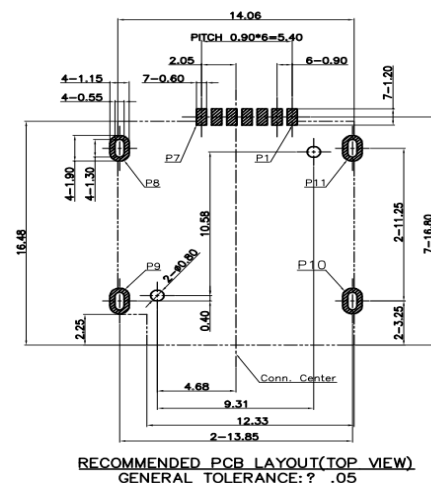
Description



Nano SIM Socket



P/N: NS210-D1250-01



Application

- Tablet PC
- Laptop PC
- Mobile
- Smart Home
- Smart Car

Attribute

Product Height: H2.10mm
Ejector Type: With Tray
Welding Type: DIP

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Ni
Shell: SUS304
Plating: Au/Ni

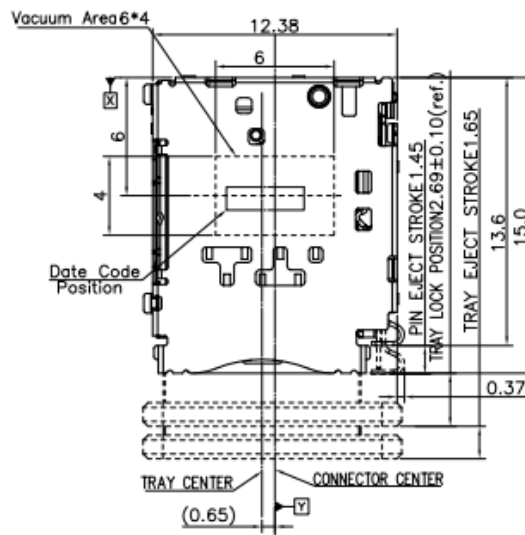
Parameters

Rating Voltage: 500 (AC/DC)
Current Rating: 0.5 A/Pin
Contact Resistance: 100 MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

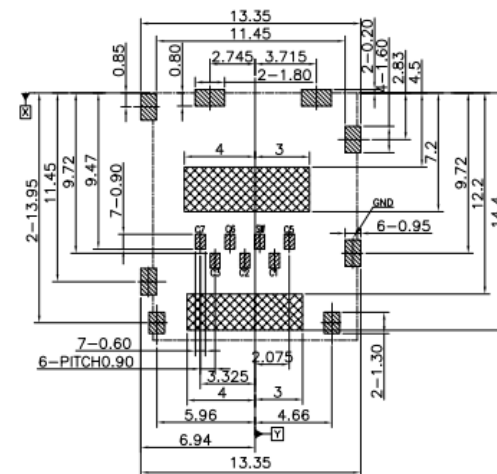
Description



Nano SIM Socket



P/N: NS215-T1131-01



RECOMMEND P.C.B LAYOUT
(General tolerance ± 0.05)

Application

- Tablet PC
- Laptop PC
- Mobile
- Smart Home
- Smart Car

Attribute

Product Height: H2.15mm
Ejector Type: With Tray
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Ni
Shell: SUS304
Plating: Au/Ni

Parameters

Rating Voltage: 500 (AC/DC)
Current Rating: 0.5 A/Pin
Contact Resistance: 50 mΩ
Insulation Resistance: 1000 mΩ
Useful Life: 5000 cycles

The page features several decorative squares in dark blue and gold colors scattered across the background. A vertical dark blue line is positioned to the left of the main title.

02

Card Socket

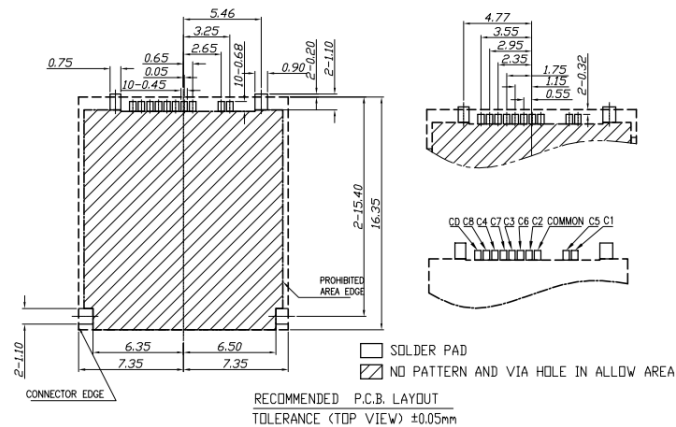
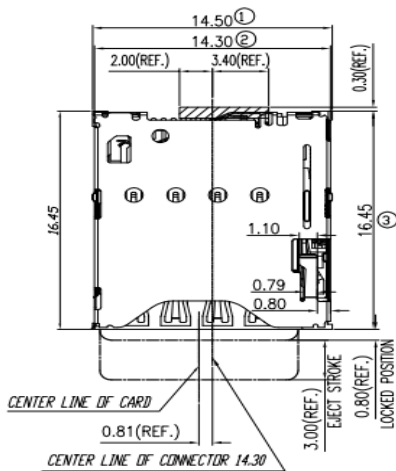
Micro SIM Card Socket

Product description

Description

Micro SIM Socket

P/N: MS125-T1161-21



Application

- Tablet PC
- Laptop PC
- Mobile
- Smart Home
- Smart Car

Attribute

Product Height: H1.25mm

Ejector Type: Push-Push

Welding Type: SMT

Material

Base: LCP

Pin: Phosphor Bronze

Plating: Au/Ni

Shell: SUS301

Plating: Au/Ni

Parameters

Rating Voltage: 500 (AC/DC)

Current Rating: 1.0 A/Pin

Contact Resistance: 100 MΩ

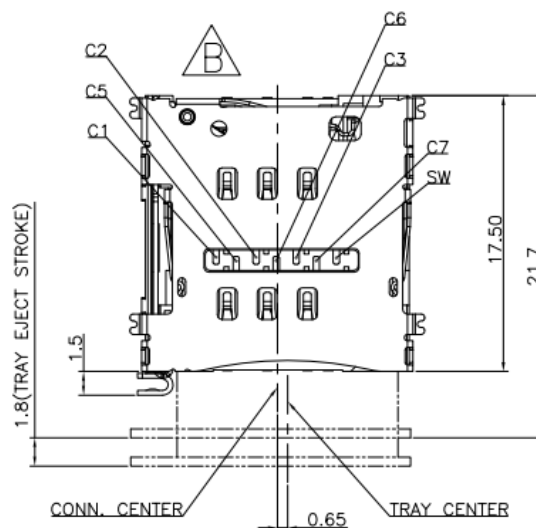
Insulation Resistance: 500 MΩ

Useful Life: 5000 cycles

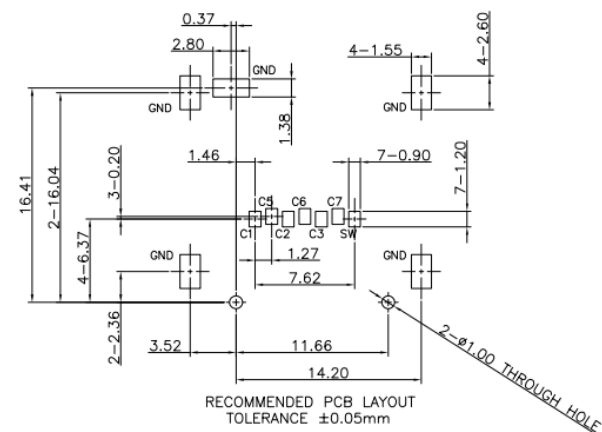
Description



Micro SIM Socket



P/N: MS150-T1130-01



Application

- Tablet PC
- Laptop PC
- Mobile
- Smart Home
- Smart Car

Attribute

Product Height: H1.50mm

Ejector Type: With Tray

Welding Type: SMT

Material

Base: LCP

Pin: Phosphor Bronze

Plating: Au/Ni

Shell: SUS304

Plating: Au/Ni

Parameters

Rating Voltage: 500 (AC/DC)

Current Rating: 0.5 A/Pin

Contact Resistance: 50 mΩ

Insulation Resistance: 1000 MΩ

Useful Life: 3000 cycles

The page features several decorative squares in two shades of brown (tan and dark brown) scattered across the background. A vertical dark blue line separates the large number '03' from the product title.

03

Card Socket

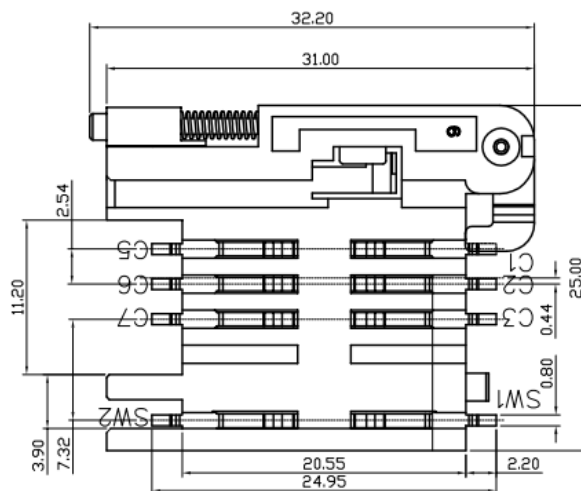
Mini SIM Card Socket

Product description

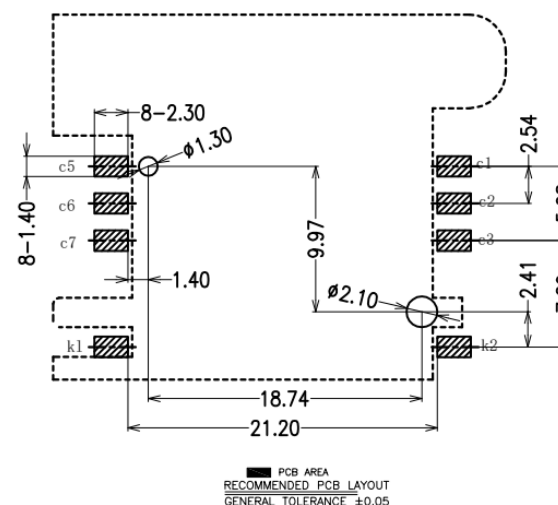
Description



Mini SIM Socket



P/N: KF016-L0012-32



Application

- Tablet PC
- Laptop PC
- Mobile
- Smart Home
- Smart Car

Attribute

Product Height: H3.00mm
Ejector Type: With Tray
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Sn/Ni

Parameters

Rating Voltage: 5V (AC/DC)
Current Rating: 2.0 A/Pin
Contact Resistance: 100 MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 5000 cycles

04

Card Socket

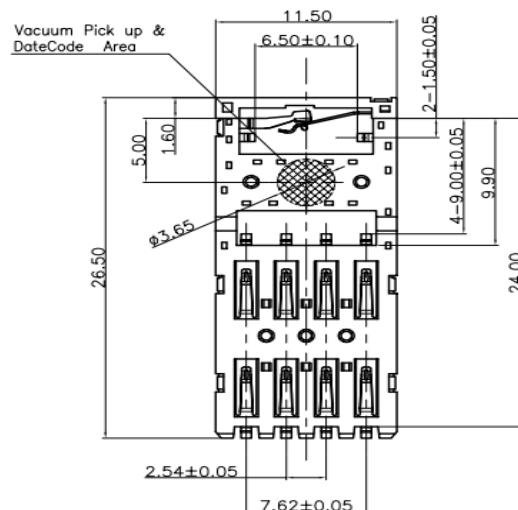
Smart card socket

Product description

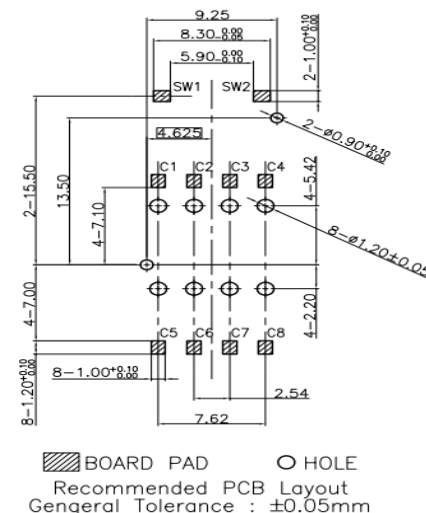
Description



Smart Card Socket



P/N: SM045-T2100-01



Application

- POS Machine
- Smart Card docking
- ATM

Attribute

Product Height: H0.45mm
Welding Type: SMT

Material

Base: LCP
Pin: Phosphor Bronze
Plating: Au/Ni

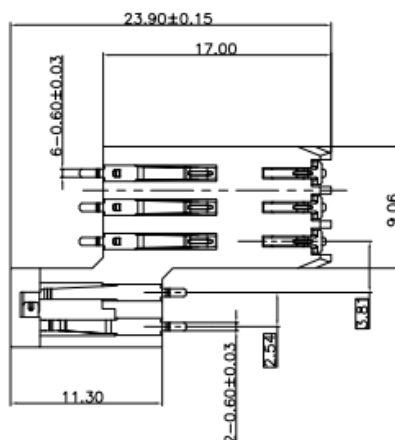
Parameters

Rating Voltage: 500 (AC/DC)
Current Rating: 0.5 A/Pin
Contact Resistance: 100 MΩ
Insulation Resistance: 1000 MΩ
Useful Life: 100,000 cycles

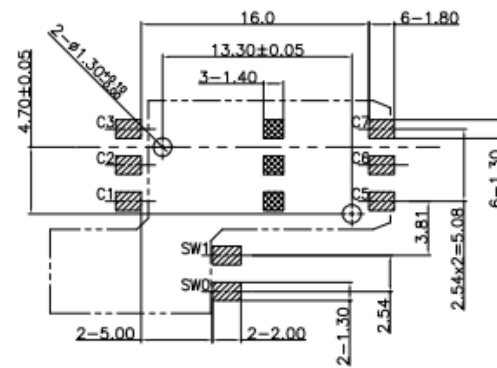
Description



Smart Card Socket



P/N: SM145-T1200-01



BOARD PAD NO WIRING AREA

Recommended PCB Layout
General Tolerance : ±0.10mm

Application

- POS Machine
- Smart Card docking
- ATM

Attribute

Product Height: H1.45mm

Welding Type: SMT

Material

Base: LCP

Pin: Phosphor Bronze

Plating: Au/Ni

Parameters

Rating Voltage: 500 (AC/DC)

Current Rating: 0.5 A/Pin

Contact Resistance: 100 MΩ

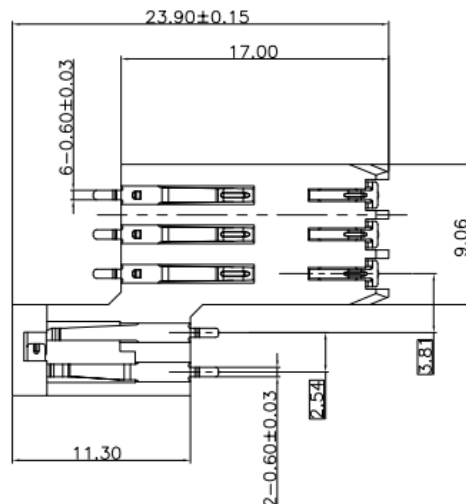
Insulation Resistance: 1000 MΩ

Useful Life: 100,000 cycles

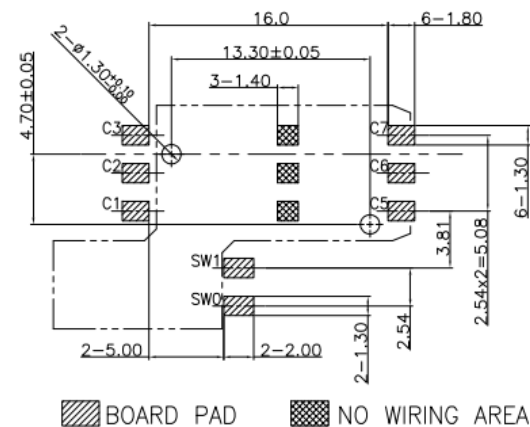
Description



Smart Card Socket



P/N: SM200-T1200-01



Recommended PCB Layout
General Tolerance : $\pm 0.10\text{mm}$

Application

- POS Machine
- Smart Card docking
- ATM

Attribute

Product Height: H2.00mm

Welding Type: SMT

Material

Base: LCP

Pin: Phosphor Bronze

Plating: Au/Ni

Parameters

Rating Voltage: 500V (AC/DC)

Current Rating: 0.5 A/Pin

Contact Resistance: 100M Ω

Insulation Resistance: 1000M Ω

Useful Life: 100,000 cycles

Contact US

Address: No. 53, Junma Road, Xinmalian Village,
Dalang Town, Dongguan City, Guangdong Province

Tel: 18128504729

Website: www.moarconn.com