# Series CN015 - Type 31 Direct Mounting, Metal Cover (w/o Ejector)

Part Number (Details)

SmartMedia Card (3.3V)

PCB Mounting: 3 = SMT Fixing Metal Pads

CN015

Series No.

Type 31

0 = 0.0mm

RZ = 3.3V for

Height of Stand-off:

# Specifications

Insulation Resistance: 1,000M $\Omega$  min.

Withstanding Voltage: 500V AC rms for 1 minute Contact Resistance: 40m $\Omega$  max. (initial resistance)

Voltage Rating: 250V AC **Current Rating:** 0.5A

Operating Temp. Range: -20°C to +60°C

#### Materials and Finish

Contact: PB / Ni-Au Insulator Base: PA, black Cover: Stainless Steel

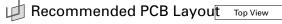
# **Features**

- SMT type terminals
- Acceptable for automation mounting machine
- Space saving design and low profile (2.9mm height)

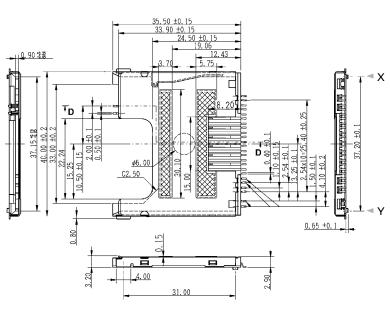


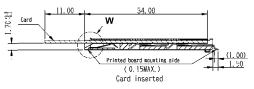


# Type 31 with SMT Metal Pads (3.3V)

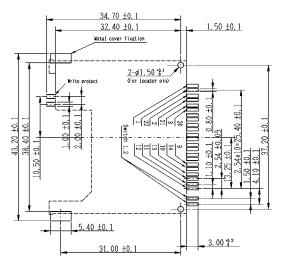


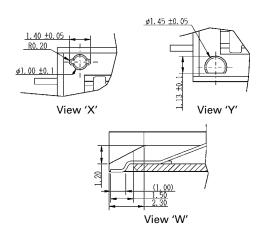
RZ - 31 2 3 - 0





Section D - D





The Switch should be open when card is not inserted, and should be closed when card is inserted

#### **Function Table**

Part Number Voltage of SmartMedia		Ejector	Mis-insertion Protection	Sequential Contact	Write Protection Switch
CN015RZ-3123-0	3.3V	No	Yes	Yes	Yes

# **Specifications**

Insulation Resistance:  $1,000M\Omega$  min.

 $\begin{tabular}{lll} With standing Voltage: & 500V AC rms for 1 minute \\ Contact Resistance: & 40m\Omega max. (Initial resistance) \\ \end{tabular}$ 

Voltage Rating: 250V AC Current Rating: 0.5A

Operating Temp. Range: -20°C to +60°C

#### Materials and Finish

Contact: Copper Alloy (contact position Gold Plating)

Insulator Base: Synthetic Resin (black), UL94V-0

Power Switch Contact: Copper Alloy (contact position Gold Plating)

Polarity Key: Stainless Steel

Cover: Stainless Steel

# Part Number (Details) CN015 RZ - 31 1 3 - 2 Series No. RZ = 3.3V for SmartMedia Card (3.3V) Type 31 PCB Mounting: 3 = SMT Fixing Metal Pads Height of Stand-off = 2.00mm

Recommended PCB Layout

34, 70 ±0.

\_\_\_\_1.50 ±0.1 \_4.00

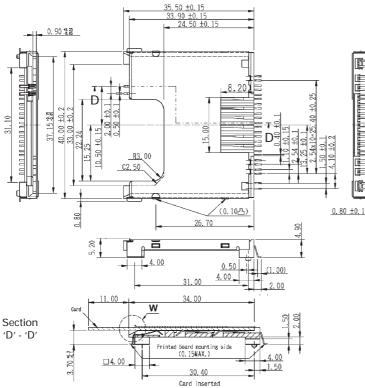
### Features

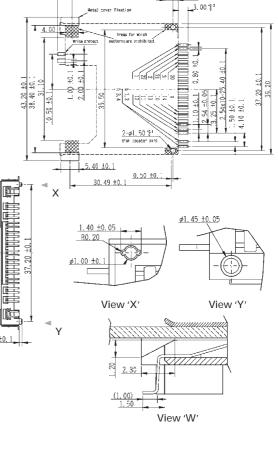
- SMT type terminals
- Acceptable for automation mounting machine
- ⇒ Space saving design with 2.0mm Stand-off height



RoHS

# Type 31 with SMT Metal Pads (3.3V)





The Switch should be open when card is not inserted, and should be closed when card is inserted

#### **Function Table**

Part	Voltage of	Ejector	Mis-insertion	Sensor Switch	Write Protection	Pieces
Number	SmartMedia		Protection	(See Note)	Switch	per Tray
CN015RZ-3113-2	3.3V	No	Yes	Yes	Yes	10 pcs.



# CN015 Series - Type 31

# Direct Mounting, Metal Cover (w/o Ejector)

# **Specifications**

Insulation Resistance:  $1,000M\Omega$  min.

Withstanding Voltage: 500V AC rms for 1 minute Contact Resistance:  $40m\Omega$  max. (initial resistance)

Voltage Rating: 250V AC **Current Rating:** 0.5A

Operating Temp. Range: -20°C to +60°C

#### Materials and Finish

Copper Alloy (contact position Gold Plating) Contact:

Synthetic Resin (black), UL94V-0 Insulator Base:

Power Switch Contact: Copper Alloy (contact position Gold Plating)

Stainless Steel Polarity Key:

Cover: Stainless Steel

# **V** RoHS

## Features

- SMT type terminals
- Acceptable for automation mounting machine
- Space saving design and low profile (2.9mm height)

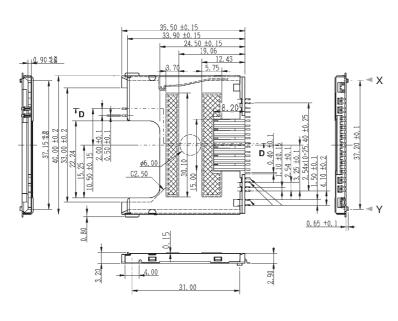
# Part Number (Details) CN015 RZ - 31 2 3 - 0 Series No. Applications: RZ = 3.3Vfor SmartMedia 3.3V Type 31 PCB Mounting: 3 = SMT Fixing Metal Pads Height of Stand-off: 0 = 0.0mm



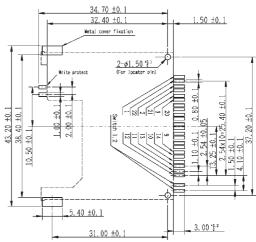
#### Type 31 with SMT Metal Pads (3.3V)

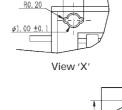


Top View

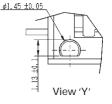


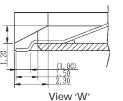
Printed board mounting sid ( 0, 15MAX, ) Section D - D





1.40 ±0.05





#### Note:

The Switch should be open when card is not inserted, and should be closed when card is inserted

#### **Function Table** per Tray CN015RZ-3123-0 3.3V No Yes Yes Yes 10 pcs.