Card Connectors

Series CN015 - Type 30 Direct Mounting, Self Tapping Screw (w/o Ejector)

Specifications

Insulation Resistance: Withstanding Voltage: Contact Resistance: 1,000M Ω min. at 500V DC 500V AC rms for 1 minute 40m Ω max. (initial resistance) excluding conductor resistance of terminal (25m Ω) 250V AC

Voltage Rating:250V ACCurrent Rating:0.5AOperating Temp. Range:-20°C to +60°C

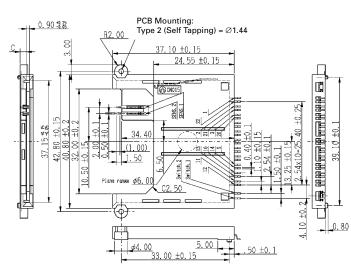
Materials and Finish

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

Features

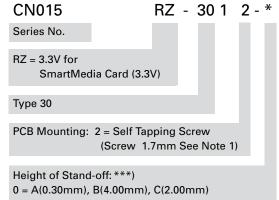
- SMT type terminals
- Acceptable for automation mounting machine
- Space saving design and low profile 4.0mm design

Type 30 with Self Tapping Screw (CN015RZ-3012-0)



Type 30 with Self Tapping Screw (CN015RZ-3012-2)

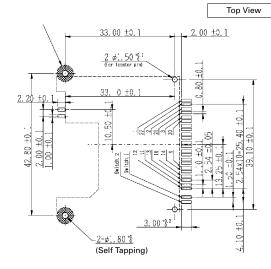
Part Number (Details)



2 = A(2.00mm), B(5.70mm), C(3.70mm)

***) Dimensions A, B and C are shown in drawings below.

Recommended PCB Layout (CN015RZ-3012-0)



Recommended PCB Layout (CN015RZ-3012-2)

Switch.2

Switch.

35.60

(0.15MAX.

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Printed board

Card inserted)

12 13 13 13

Dimensions for CN015RZ-3012-2 are the same as above only the self tapping srew hole distance is different and 2.00mm stand-off

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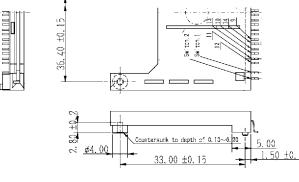
Card

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Card Insertion Details

XXXXXXX



Info:

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

Note 1:

Use self tapping screw from the back side of 1.7mm or more (PCB thickness +2.0mm). – Binding torque 1.28gfcm (0.118N · m) or less – Repeated binding number = 5 times or less

Function Table

Part Number	Voltage of SmartMedia	Ejector	Mis-insertion Protection	Sequential Contact	Write Protection Switch				
CN015RZ-3012-0 CN015RZ-3012-2	3.3V	No	No	Yes	Yes				

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Card Connectors

SmartMedia - SSFDC

Specifications

Insulation Resistance: Withstanding Voltage: Contact Resistance:

Voltage Rating: 250V AC Current Rating: 0.5A Operating Temp. Range: -20°C to +60°C

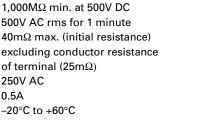
Materials and Finish

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

Features

- Acceptable for mounting other components under stand-off of connector
- Acceptable for automation mounting machine
- Space saving design and low profile 4.0mm design
- SMT type terminals

Type 30 with SMT Metal Pads



Part Number (Details)

CN015 *Z 30 1 3 - * Series No. Applications: RZ = 3.3V for SmartMedia Card (3.3V) PZ = 3.3V / 5V for SmartMedia Card (3.3V) and (5V) Type 30 PCB Mounting: 3 = SMT Fixing Metal Pads

Height of Stand-off: ***) 0 = A(0.30mm), B(4.00mm), C(2.00mm)

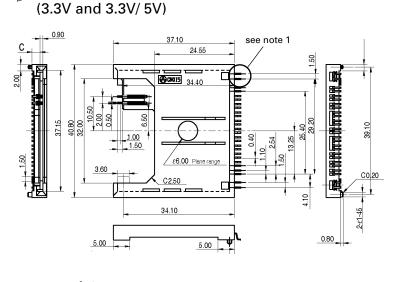
2 = A(2.00 mm), B(5.70 mm), C(2.00 mm)

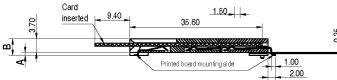
Z = A(Z,0011111), B(S,7011111), C(S,7011111)

***) Dimensions A, B and C are shown in drawings below.

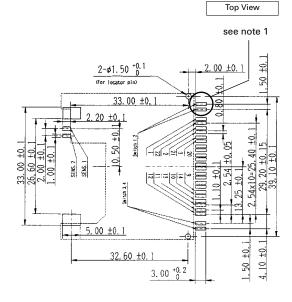


🚽 Recommended PCB Layout





Function Table



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

Note 1:

These two contacts are only for the 3.3V/5V type (CN015P) and are removed for the 3.3V model (CN015R)

Part Number	Voltage of SmartMedia	Ejector	Mis-insertion Protection	Sequential Contact	Write Protection Switch	Pieces per Tray
CN015RZ-3013-0 CN015RZ-3013-2	3.3V	No	Yes	Yes	Yes	10 pcs.
CN015PZ-3013-0 CN015PZ-3013-2	3.3V / 5V	No	No	Yes	Yes	10 pcs.

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SPECIFICATIONS AND DRAWINGS ARE SUBJECT TO ALTERATION WITHOUT PRIOR NOTICE - DIMENSIONS IN MILLIMETER

Connectors