

CN015 Series - Type 30

Direct Mounting, Screw Fixing (w/o Ejector)

Specifications

Insulation Resistance: 1,000MΩ min. at 500V DC
 Withstanding Voltage: 500V AC rms for 1 minute
 Contact Resistance: 40mΩ max. (initial resistance) excluding conductor resistance of terminal (25mΩ)
 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
 SMT Retainer: Steel with Solder Plating
 Power Switch Contact: Copper Alloy (contact position Gold Plating)
 Polarity Key: Stainless Steel

Features

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



Part Number (Details)

CN015 * - 30 1 1 - *

Series No.

Applications:

R = 3.3V for SmartMedia Card (3.3V)

P = 3.3V / 5V for SmartMedia Card (3.3V) and (5V)

Type 30

PCB Mounting: 1 = Screw Lock Type

(Screw Ø2.2mm See Note 1)

Height of Stand-off: ***

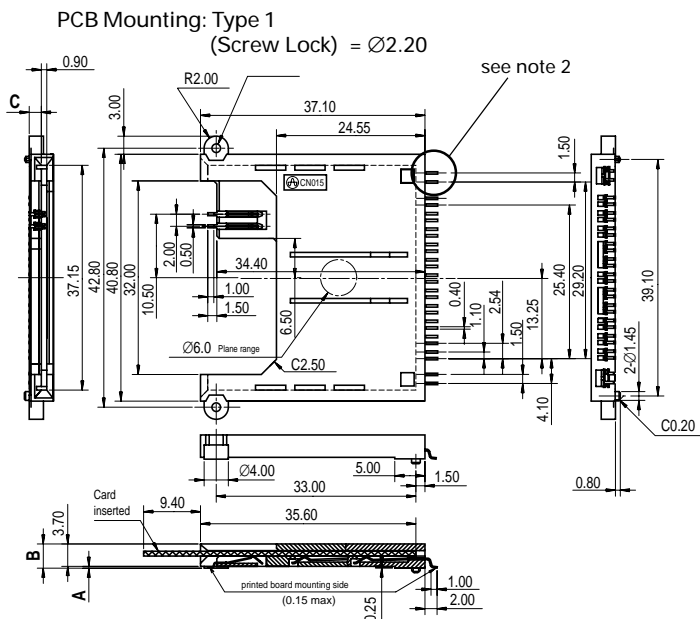
0 = A(0.30mm), B(4.00mm), C(2.00mm)

2 = A(2.00mm), B(5.70mm), C(3.70mm) not available for 3.3V / 5V type

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

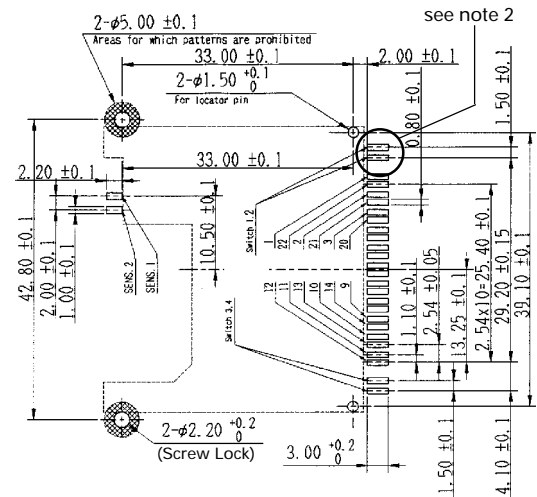
Applicable Dimensions (Reference Only)

Type 30 with Screw Lock (3.3V and 3.3V / 5V)



Recommended PCB Layout

Top View



Note:

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

Note 1:

Recommended screw - M2.0 x length (thickness of PC board thickness of flange + 2.0mm)

Note 2:

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

Function Table

Part Number	Voltage of SmartMedia	Ejector	Mis-insertion Protection	Sensor Switch (See Note)	Write Protection Switch	Pieces per Tray
CN015R-3011-0	3.3V	No	Yes	Yes	Yes	10 pcs.
CN015R-3011-2						
CN015P-3011-0	3.3V / 5V	No	No	Yes	Yes	10 pcs.