# **NMS** Series

# **Specifications**

Insulation Resistance:	1,000M $\Omega$ min. at 500V DC
Withstanding Voltage:	500V AC rms for 1 minute
Contact Resistance:	$100m\Omega$ at $1mA/20mV$ max.
Voltage Rating:	250Vrms AC
Current Rating:	0.5A
Operating Temp. Range:	–25°C to +85°C
Coplanarity:	<u>≤</u> 0.1mm
Mating Cycles:	10,000 (office environment)

## Materials and Finish

Insulator: Shielding Plate: Contacts:

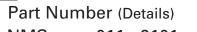
Card Detector:

LCP glass filled (GF 40%) SUS, t = 0.15 PB, t = 0.18 / Contact area = Ni-Au / Soldertail = Ni-SnPb PB, t = 0.18, Ni-Au

# **Features**

- Card lock mechanism
- Smooth extraction function by Push-in/ Push-out of card
- Card detector
- ⇔ Tape & Reel packaging (800 pcs / reel)
- > 2-point contact for protection against electrical interruption

## **Outline Dimensions**



NMS 011 - 2101 - 1

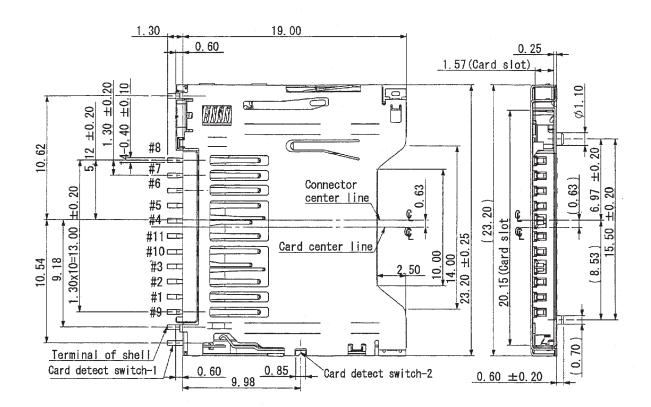
Series No.

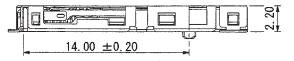
Number of Contacts

Design No.

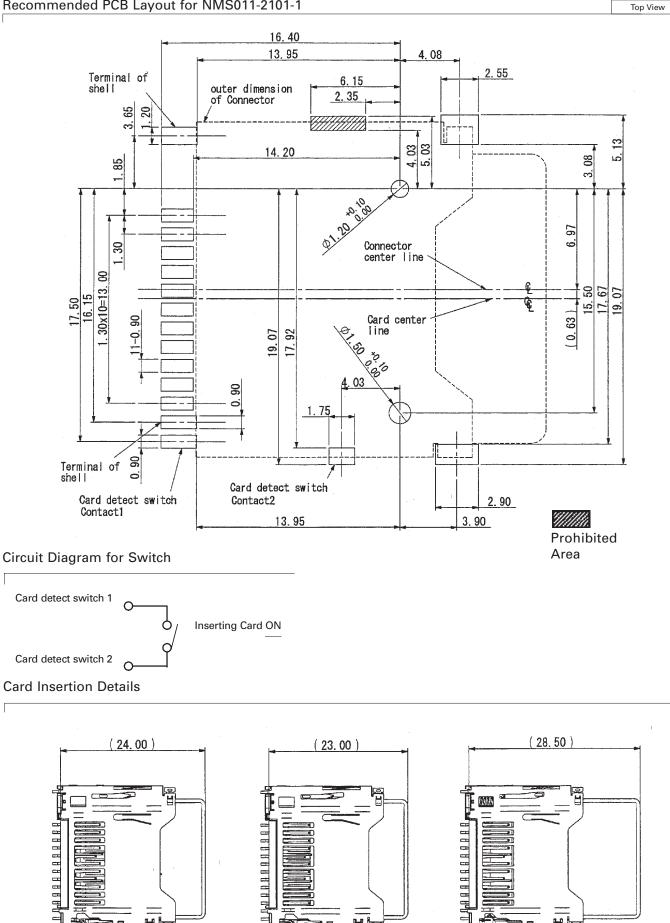
1 = Tape & Reel Packaging







#### Recommended PCB Layout for NMS011-2101-1



Card locked position

Card pushed position