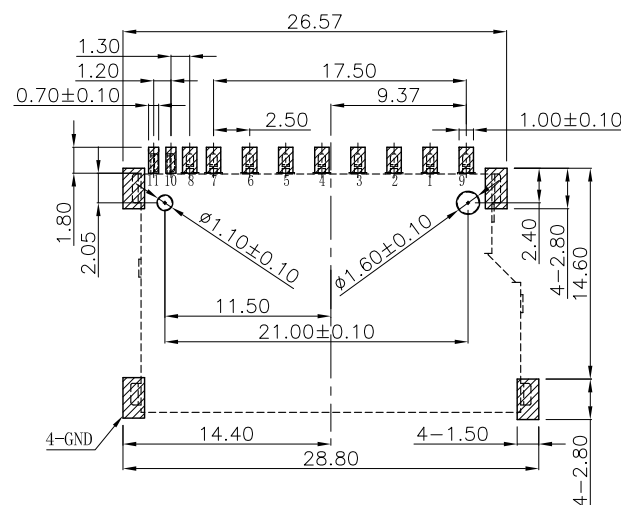
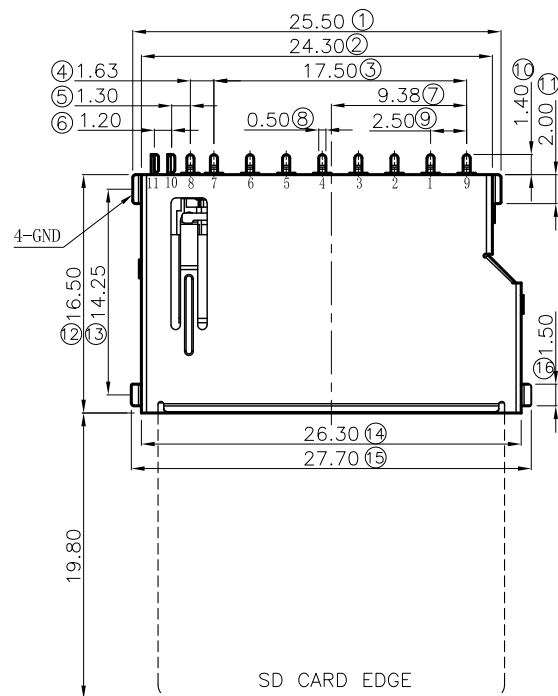
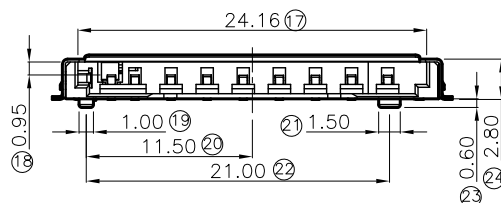


REV.	DESCRIPTION	DATE
A	RELEASE	Feb 13, 2017



RECOMMEND PCB LAYOUT
TOLERANCE: ± 0.05
TOP VIEW



NOTES:

1.MATERIAL

HOUSING : HIGH TEMPERATURE THERMOPLASTIC.
CONTACT: COPPER ALLOY
SHELL: COPPER ALLOY

2.PLATING

CONTACT AREA: GOLD PLATED OVER Ni
SOLDER TAIL: 50~100u" MIN Sn PLATED OVER Ni
SHELL SOLDER AREA: NICKEL PLATED

3.RATING

CURRENT RATING: 0.5A
VOLTAGE RATING: 250VRMS
OPERATING TEMPERATURE: -25°C~90°C

4.SPECIFICATION

CONTACT RESISTANCE: 100 M OHMS MAX
DIELECTIC WITHSTANDING VOLTAGE: 500VAC 1Min.
INSULATION RESISTANCE: 1000 MegOHMS MIN
INSERTION FORCE: 40N MAX
SEPARATION FORCE: 1-10N

PART NUMBER INFORMATION :

5103109-X1003S-X
SERIES CODE
SMT 90°
SD CARD
SINGLE TYPE
NUMBER OF POSITIONS
R: RoHS
H: HALOGEN FREE
FOLLOW NUMBER
O/W PUSH
INSERT TYPE
PLATING SEE TABLE

DESCRIPTION OF PLATING ON TERMINALS

NO.	EXPLAIN	NO.	EXPLAIN
0	GOLD FLASH	3	GOLD 15u"
1	GOLD 5u"	4	GOLD 20u"
2	GOLD 10u"	H	G/F + TIN'

PIN NO.	NAME	DESCRIPTION
1#	CD/DAT3	CARD DETECT/DATA I/O
2#	CMD	COMMAND
3#	VSS1	GROUND
4#	VDD	POWER
5#	CLK	CLOCK
6#	VSS2	GROUND
7#	DAT0	DATA I/O
8#	DAT1	DATA I/O
9#	DAT2	DATA I/O
10#	CD	
11#	WP	

TOLERANCE
.0=±0.38
.00=±0.25
.000=±0.10
ANG.=±3°



UNITS : mm

SCALE 1:2

SIZE A4

DRAWER
CHECK
APP'D
PRODUCT SPEC.

—

SHEET 1 OF 1

REV. A

INMO
东莞市英墨电子有限公司
INMO Electronics Co., Ltd

NAME
SD 卡座 H2.80 短体 卧贴 插卡

DRAW NO.
R5103109-X1003S-X

