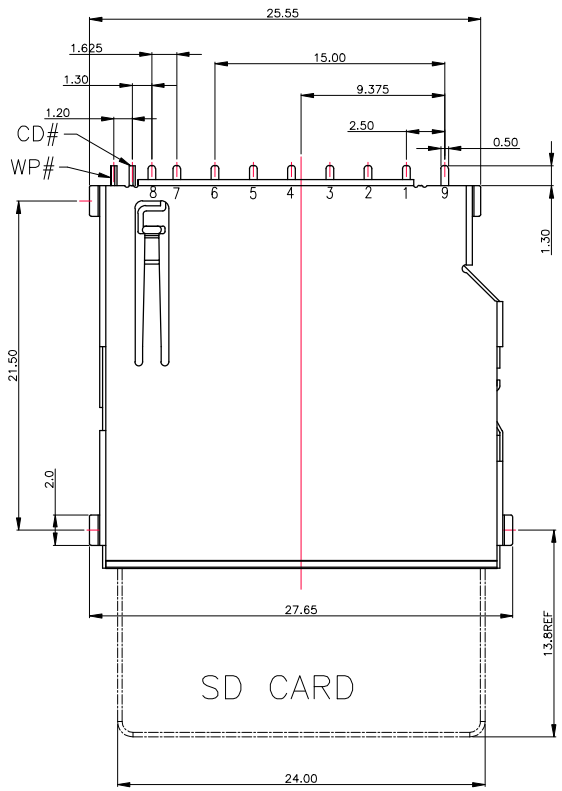
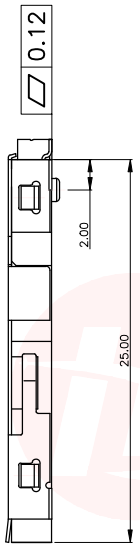
REV.	ECN NO OR DESCRIPTION	REVISED	DATE

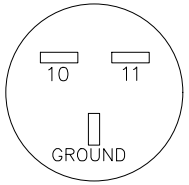
Pb Process Capable

RoHS Compliant 2011/65/EU

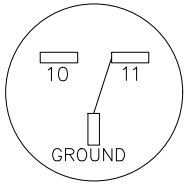
HALOGEN H Compliant Halogen Free



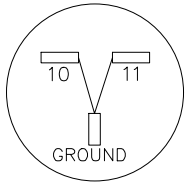




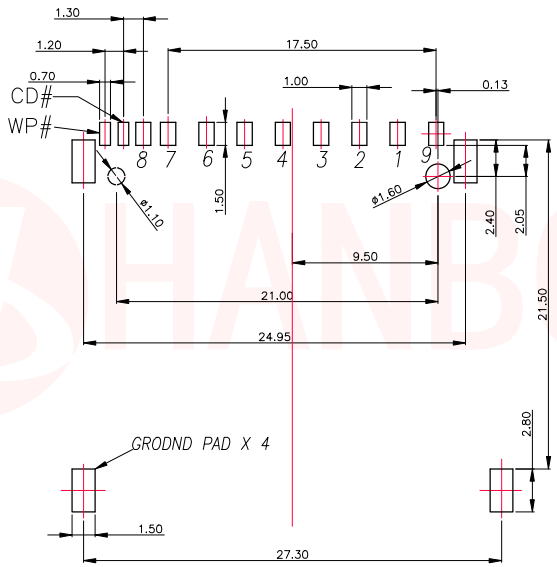
WITHOUT CARD



CARD INSERTED
WRITE PROTWCT:LOCK



CARD INSERTED
WRITE PROTECT:UNLOCK



SPECIFICATIONS:

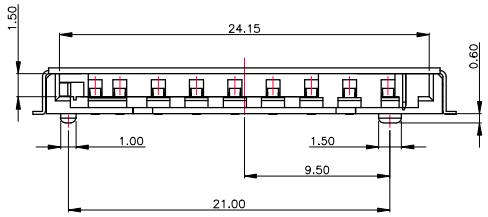
1.MECHANICAL:
- CARD PUSH INSERTION/OUT FORCE:1.0~4.0KG
- DURABILITY: 5000 CYCLES

2.ELECTRICAL:
- CURRENT RATING: 0.5A
- WITHSTANDING VOLTAGE: 500V AC R.M.S.
- CONTACT RESISTANCE: 100M MAX.
- INSULATION RESISTANCE: 100M MIN.

3.ENVIRONMENTAL
- TEMPERATURE RANGE: −40°C ~ +85°C

SD CARD PIN DEFINE

Pin#	Name	Type	Description
1	CD/DAT3	I/O/PP	Card Detelct/ Date Line[Bit3]
2	CMD	PP	Command/Response
3	Vss1	S	Supply voltage ground
4	VDD	S	Supply voltage
5	CLK	I	Clock
6	Vss2	S	Supply voltage ground
7	DAT0	I/O/PP	Date Line [Bit0]
8	DAT1	I/O/PP	Date Line [Bit1]
9	DAT2	I/O/PP	Date Line [Bit2]
10	CD		CARD DETECT
11	WP		WRITE PROTECT



RECOMMENDED PCB LAYOUT

GENERAL TOLERANCE ±0.05

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
C	SHIELD	1	STAINLESS STEEL 0.20t	Ni PLATING
B	CONTACT	11	COPPER ALLOY 0.20t	Gold Flash On Contact Area Matte-Tin plated on Solder tail All over Nickel Plated .
A	HOUSING	1	THERMOPLASTIC UL94-V0	WHITE

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5, X.X :±0.20, X.XX :±0.10

ANGLES: X :±2°, X.X :±1°

东莞市汉博电子科技有限公司
DONGGUAN HANBO TECHNOLOGY CO. , LTD

TITLE	SD CARD CONN PUSH LONG BODY SMT			
DWN	xiong	SD-112		
CHKD	lee	SCALE:1:1	UNIT: mm	
APVD	wang	SIZE: A4	SHEET:1OF 1	REV: A4

CUSTOMER COPY