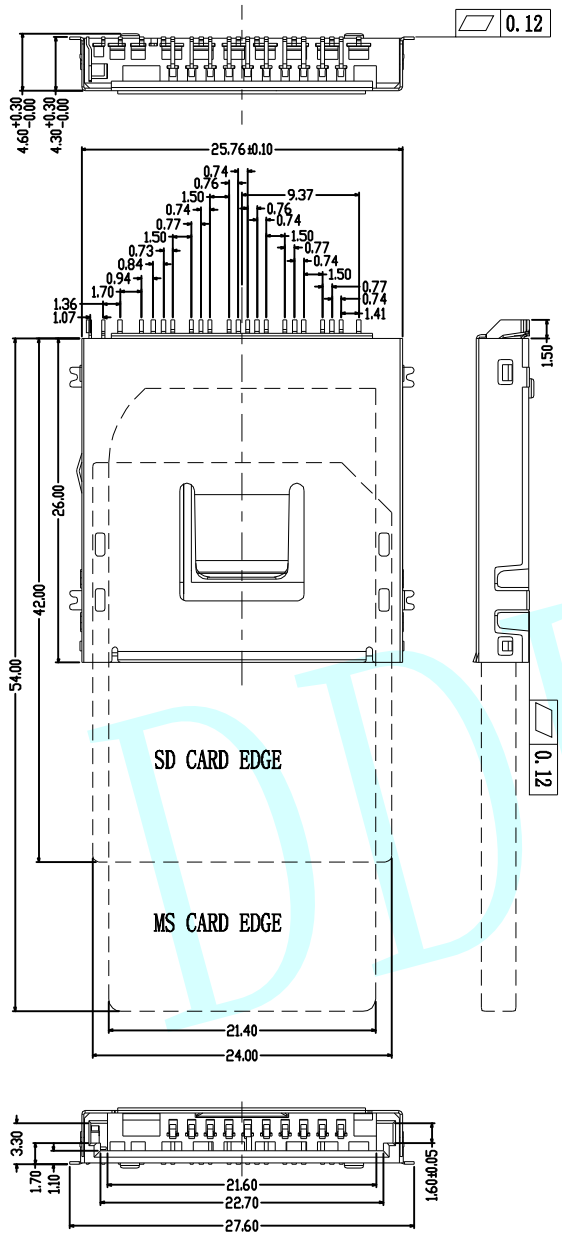
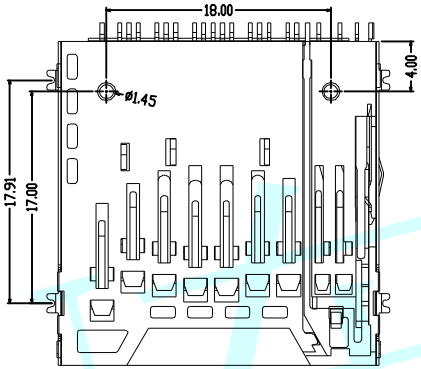
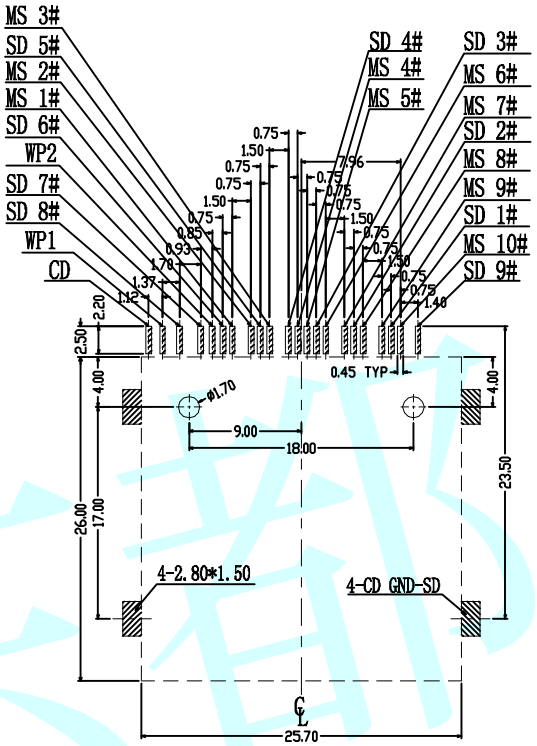
ROHS







PCB LAYOUT

NOTES:

A. Performance characteristics:
1. Current rating:AC/DC 0.5A
2. Voltage rating:500V AC min
3. Contact resistance:100mΩ max
4. Insulation resistance:1000MΩ min, at 500V DC
5. Operating temperature:-25℃~+85℃

B. Materials:
1. Housing:Engineering thermoplastic
UL 94V-0, bLACK IN COLOUR
2. Contact:Copper alloy
Cover:Copper alloy

C. Finish:
1. Contact area:Gold over Nickel
2. Solder area:Tin over Nickel

SD CARD PIN DESIGN

Pin#	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

MS CARD PIN DESIGN

Pin#	Name
1#	VSS
2#	BS
3#	VCC
4#	DIO
5#	RESERVE
6#	INS
7#	RESERVE
8#	SCLK
9#	VCC
10#	VSS

APPROVALS		DATE
DRAW:	ZRD	2017-12-6
CHECKED:	***	****
APPOVALS:	***	****

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TOLERANCE:		ANGLE:
30≥	±0.30	±2°
10~30	±0.20	
5~10	±0.15	
≤5	±0.10	

® 东都电子
DONGDU ELECTRONICS

MODEL:	CASSETTE	
PART NO:	SD-MS301	
UNIT :mm	SCALE:1:1	
REV:	A	PAGE:1/1

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