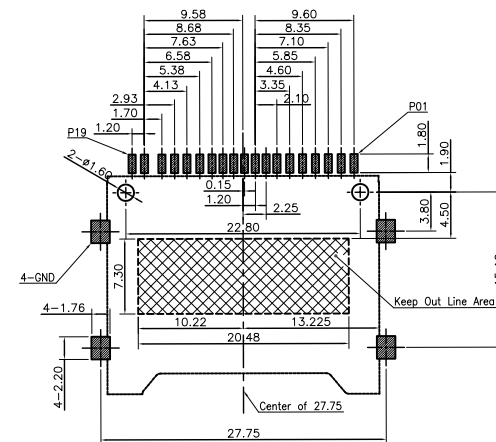
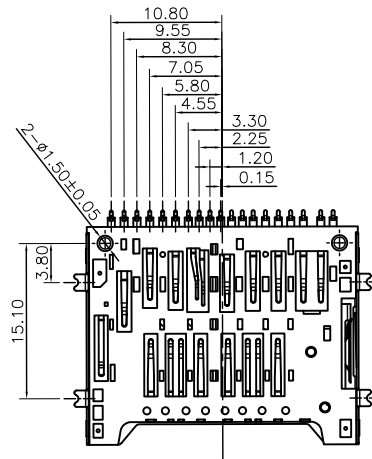
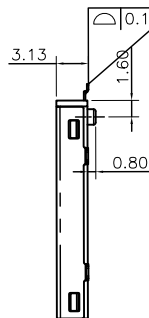
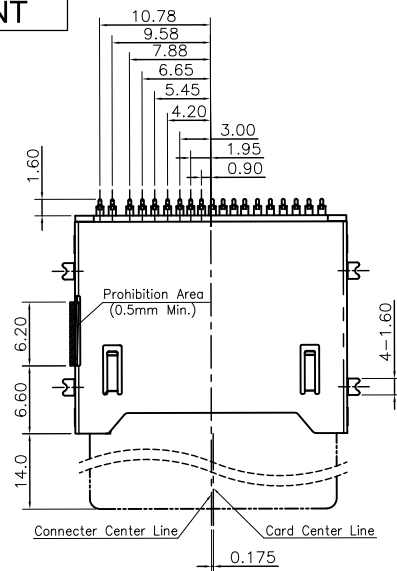
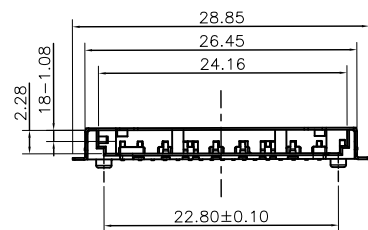


REACH & RoHS
COMPLIANT

* 所有原料材质, 生产制程, 电镀必须符合HF要求



Recommended PCB Layout
Tolerance ± 0.05



Card Uninsertion	
Card Write Protect insertion	
Card Normal insertion	

Note:

1. Material:

1-1. Plastic: LCP, S475, Black, HF, UL94V-0

1-2. Contact: C5210

1-3. Shell: SUS304

2. Plating:

2-1. Contact:

Contact Area: Au 1μ" min. Plating. Over Ni 50μ" min.

Soldertail: Matte Tin 100μ" min. Plating. Over Ni 50μ" min.

2-2. Shell:

Ni 50μ" min. Over All, Solder Foot 1μ" Gold Over Ni

3. Contact And Tail Coplanarity To Be 0.10mm max.

4. Electrical Characteristics:

4-1. Contact Current Rating: 0.5Amperes.

4-2. Dielectric Withstanding Voltage: AC500V r.m.s.

4-3. Insulation Resistance: 1000 Megohms

4-4. Contact Resistance: 100 mΩ Maximum.

5. Mechanical Characteristics:

5-1. Mating Cycles: 10,000 Cycles.

6. Environmental:

6-1. Operating Temperature: -25° C ~ +85° C.

6-2. Salty spray: 48H

Pin Assignment

Pin#	Name	Description	Pin#	Name	Description
P01	VSS3	Supply Voltage Ground	P11	VDD1	Supply Voltage (3.3V)
P02	DAT2	Data Line [Bit 2]	P12	D1-	Differential Data 1-
P03	DO+	Differential Data 0+	P13	CLK	Clock
P04	CD/DAT3	Card Detect/Data Line [Bit 3]	P14	D1+	Differential Data 1+
P05	DO-	Differential Data 0-	P15	VSS2	Supply Voltage Ground
P06	CMD	Command/Response	P16	VSS5	Supply Voltage Ground
P07	CD	Card Detect	P17	DAT0	Data Line [Bit 0]
P08	VSS1	Supply Voltage Ground	P18	DAT1	Data Line [Bit 1]
P09	VSS4	Supply Voltage Ground	P19	WP	Write Protect
P10	VDD2	Supply Voltage (1.8V)			

TITLE: SD4.0 Topmount
H3.13 SMT Non-push

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:
WHSD313-T1251-01

SACLE
1:1

REV
A0

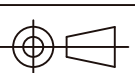
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 $.x \pm 0.30$

$x^\circ \pm 3.0^\circ$
 $.x^\circ \pm 2.0^\circ$

CHECKED BY:
Elvis.Song

REMARK:

SHEET
1/1



$.xx \pm 0.25$
 $.xxx \pm 0.10$

$.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

DESIGND BY:
Sunny.Xu

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