

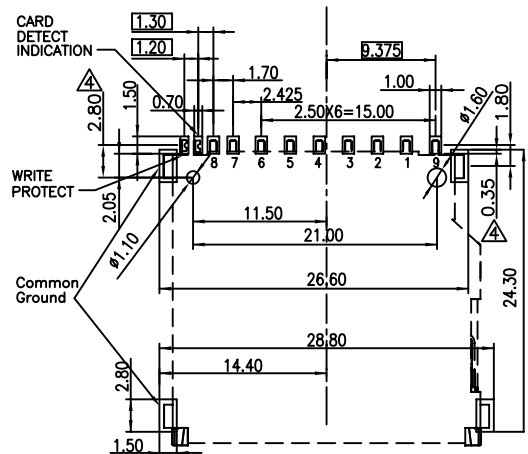
1

2

3

4

5



RECOMMENDED P.C.B LAYOUT
TOLFRANCES: ±0.05mm

TECHNICAL CHARACTERISTICS

MATERIAL
 INSULATOR: LCP
 FLAMABILITY RATING: UL94-V0
 COLOR: BLACK
 CONTACT MATERIAL: COPPER ALLOY
 CONTACT TYPE: STAMPED
 CONTACT PLATING: SELECTIVE GOLD
 SHIELDING: COPPER ALLOY
 SHIELDING PLATING: NICKEL
 QUALITY CLASS: 10000 MATING CYCLES

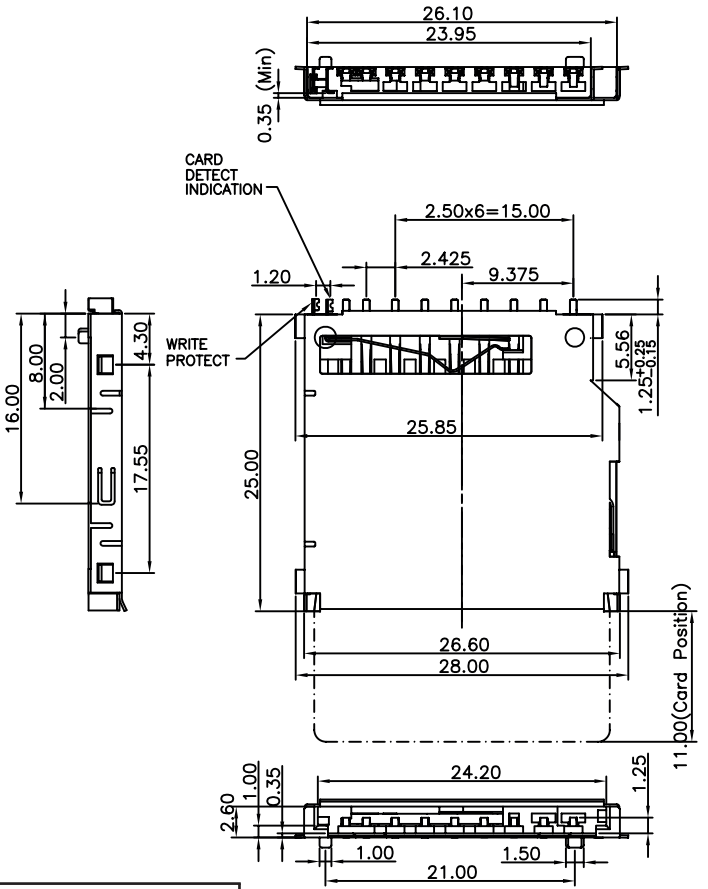
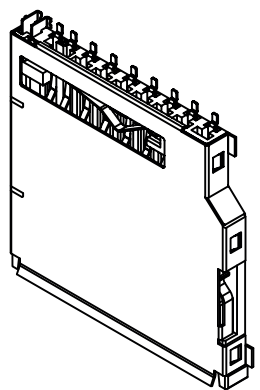
ENVIRONMENTAL
 OPERATING TEMPERATURE: -25 UP TO 85°C
 COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL
 CURRENT RATING: 0.5A
 WORKING VOLTAGE: 100VAC
 INSULATOR RESISTANCE: >1000 MOHM
 DIELECTRIC WITHSTANDING VOLTAGE: 500VAC/MN
 CONTACT RESISTANCE: 100 mOHM MAX

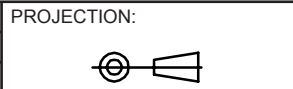
SOLDERING
 REFLOW PROCESS ONLY

PACKAGING
 TAPE & REEL

PIN No	NAME	DESCRIPTION
1	CD/DAT3	CARD DETECTION
2	CMD	COMMAND/ANSWER
3	Vss1	GND
4	Vdd	POWER SUPPLY
5	CLK	CLOCK
6	Vss2	GND
7	DAT0	Connector data line 0
8	DAT1	Connector data line 1
9	DAT2	Connector data line 2



RoHS Compliant			
H	24-FEB-14	CARD DIM ADD	QL
REV	DATE	FILE	BY



GENERAL TOLERANCE
 .X = +/- 0.2
 .XX = +/- 0.15



APPROVAL: RJ

UNIT: MM
 SCALE:
 SHEET: 1/3
 DRAW: VICKY

DESCRIPTION: SD Card Connector - Push & Pull - With Card Detection
 9 pins
 WERI PART NO: 693 063 010 911

SIZE
A4

A

B

C

D

1

2

3

4

5

A

B

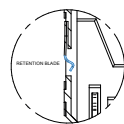
C

D

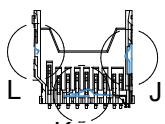
Contact OFF

Contact ON / Lock OFF

Contact ON / Lock ON



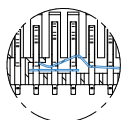
DETAIL L



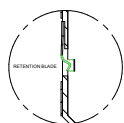
K



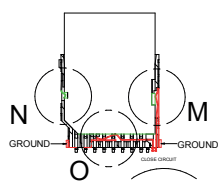
DETAIL J



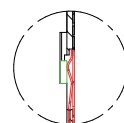
DETAIL K



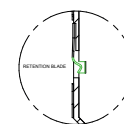
DETAIL N



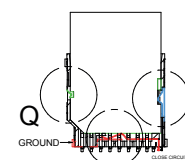
DETAIL O



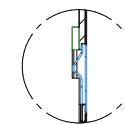
DETAIL M



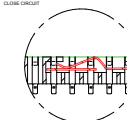
DETAIL Q



DETAIL R



DETAIL P

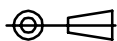


DETAIL R

Card detection switch		Write protection switch		
Card removed	Card inserted	Card removed	Card inserted	
			Write Protect	Write enable
OPEN	CLOSE	OPEN	OPEN	CLOSE

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X = +/- 0.2

.XX = +/- 0.15



APPROVAL: RJ

UNIT: MM

SCALE:

SHEET: 2/3

DRAW: VICKY

DESCRIPTION: SD Card Connector - Push & Pull - With Card Detection
9 pins

WERI PART NO: 693 063 010 911

SIZE

A4

REV

DATE

FILE

BY

