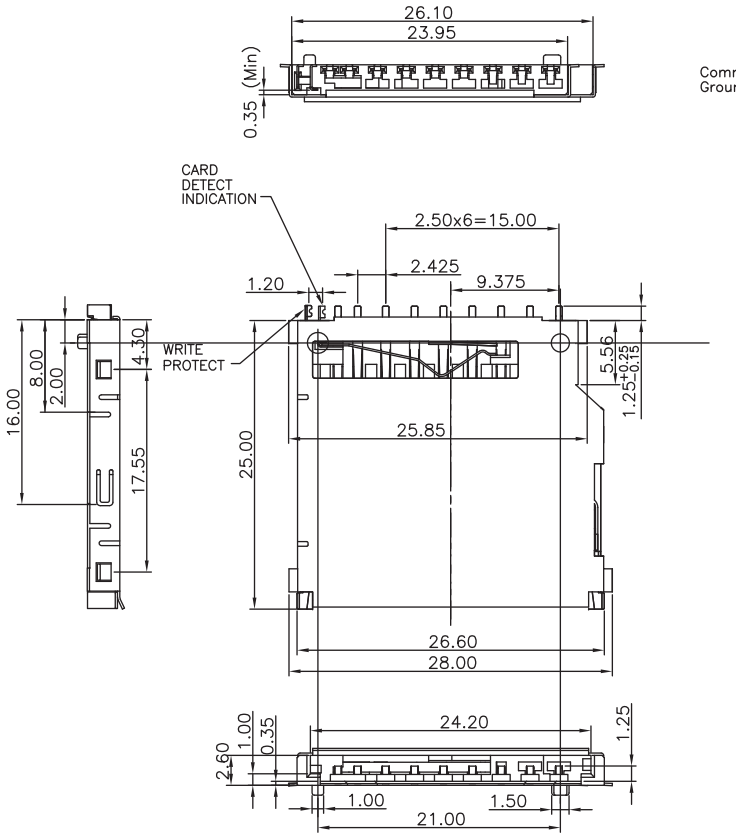
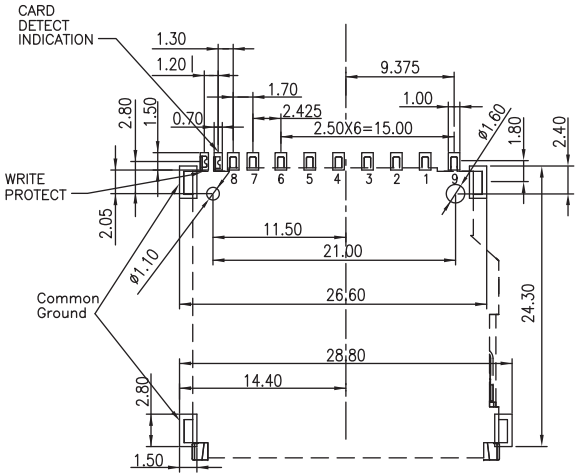
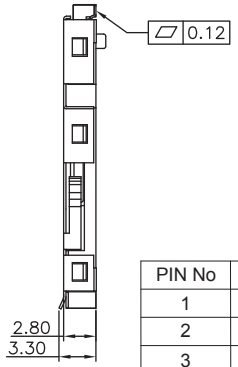






TECHNICAL CHARACTERISTICS

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

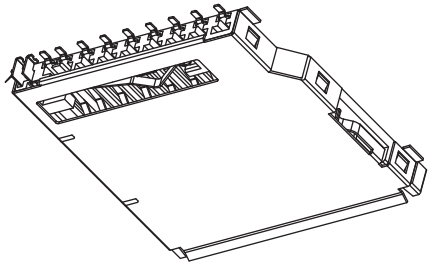
ENVIRONMENTAL
OPERATING TEMPERATURE: -25 UP TO 85°C
COMPLIANCE: LEAD FREE AND ROHS

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

REV	DATE	FILE	BY
G	23-JAN-13	LAYOUT DIM ADD	QL
F	16-MAY-12	LAYOUT	GG
E	27-MAR-12	PINNING	QL
D	07-MAR-12	PAGE 2 SWITCH	GG
C	22-FEB-12	PAGE 2	GG
B	16-FEB-12	TKP	GG
A	11-AUG-31	PDF	GG

PROJECTION:

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

WÜRTH ELEKTRONIK

APPROVAL: RJ

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

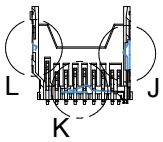
DESCRIPTION: SD Card Connector - Push & Pull - With Card Detection 9 pins

WERI PART NO: 693 063 010 911

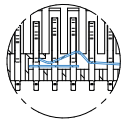
SIZE **A4**

Contact OFF

DETAIL L

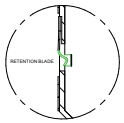


DETAIL J

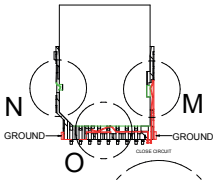


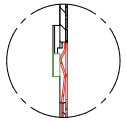
DETAIL K

Contact ON / Lock OFF

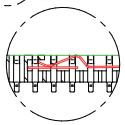


DETAIL N



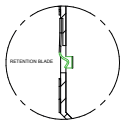


DETAIL M

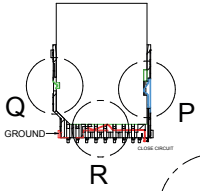


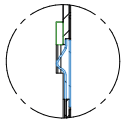
DETAIL O

Contact ON / Lock ON

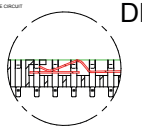


DETAIL Q





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

REV	DATE	FILE	BY

PROJECTION:

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

WÜRTH ELEKTRONIK

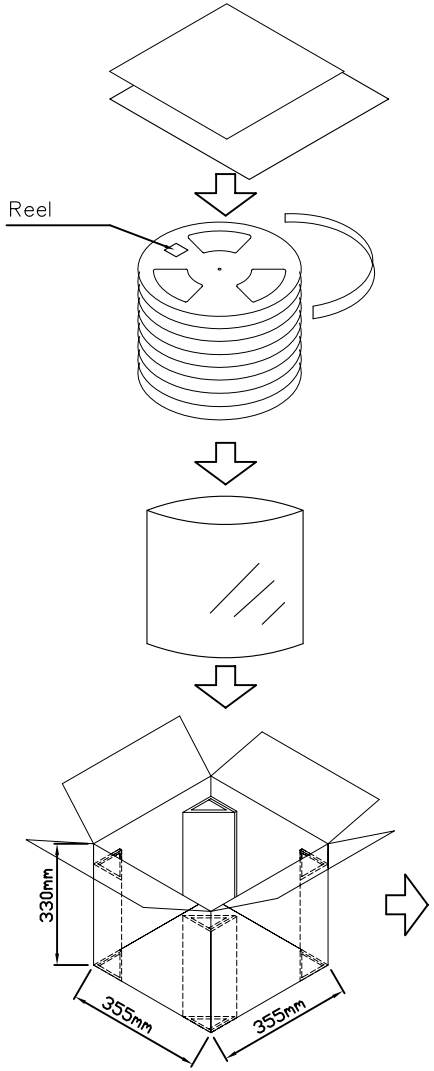
APPROVAL: RJ

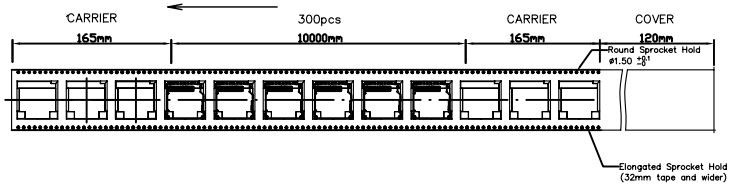
UNIT: MM
SCALE:
SHEET: 2/3
DRAW: VICKY

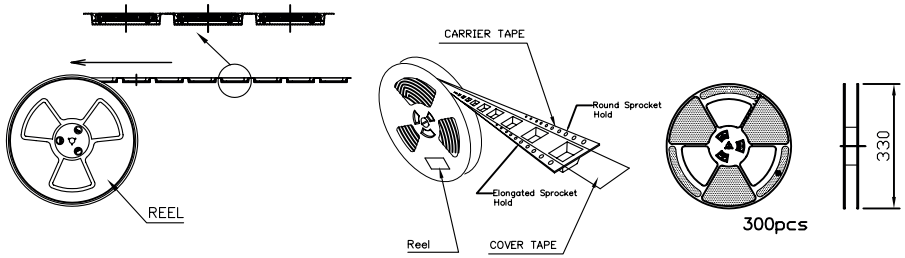
DESCRIPTION: SD Card Connector - Push & Pull - With Card Detection 9 pins

WERI PART NO: 693 063 010 911

SIZE **A4**







NOTES
1. MATERIALS: PS
2. PACKING: TAPE REEL(300PCS/R,1800PCS/CTN)
3. SONY SS-00259 or RoHS
   All Material in According With The Rohs Environment Related Substances List Controlled.

RoHS Compliant

REV	DATE	FILE	BY

PROJECTION:

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

WÜRTH ELEKTRONIK

APPROVAL: RJ

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

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

WERI PART NO: 693 063 010 911

SIZE **A4**