

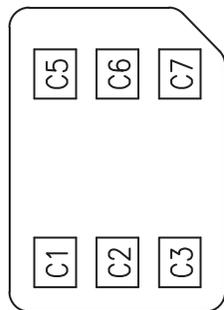
1

2

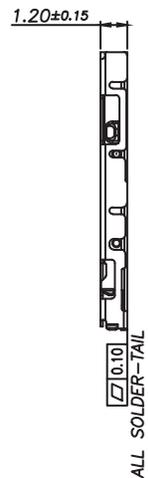
3

4

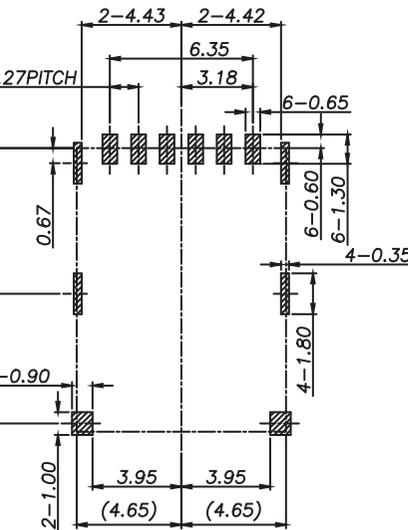
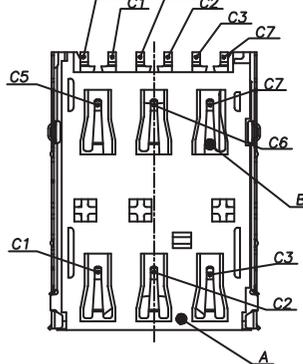
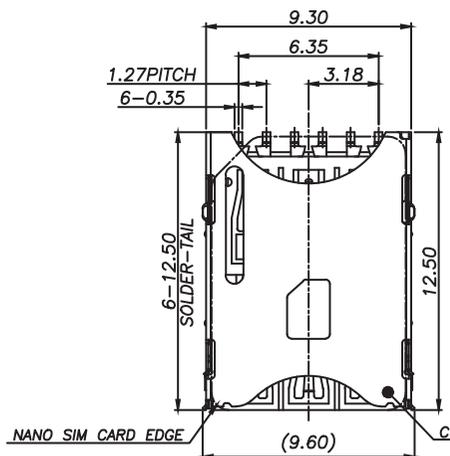
5



NANO SIM CARD PAD



ALL SOLDER-TAIL



PCB LAYOUT - COMPONENT VIEW

## TECHNICAL CHARACTERISTICS

## MATERIAL

INSULATOR MATERIAL: LCP  
 FLAMMABILITY RATING: UL94-V0  
 COLOR: BLACK  
 CONTACT MATERIAL: COPPER ALLOY  
 CONTACT TYPE: STAMPED  
 CONTACT PLATING: SELECTIVE GOLD  
 SHIELDING: STAINLESS STEEL NI PLATED  
 QUALITY CLASS: 1500 MATING CYCLES

## ENVIRONMENTAL

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

## ELECTRICAL

CURRENT RATING: 1.0A  
 WORKING VOLTAGE: 15V DC  
 INSULATION RESISTANCE: >500MΩ  
 DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC/min  
 CONTACT RESISTANCE: 100mΩ max

## SOLDERING

JEDEC LEAD FREE REFLOW SOLDERING PROCESS

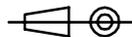
## PACKAGING

TAPE &amp; REEL

Pin No.	Pin Assignment
C1	SUPPLY VOLTAGE (VCC)
C2	RESET(RST)
C3	CLOCK (CLK)
C5	GROUND(GND)
C6	PROGRAMMING VOLTAGE(VPP)
C7	I/O

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X = +/- 0.3

.XX = +/- 0.20



APPROVAL: RJ

UNIT: MM

SCALE:

SHEET: 1/1

DRAW: AS

DESCRIPTION: NANO SIM - PUSH &amp; PULL TYPE - 6 PINS

WERI PART NO: 693 043 020 611

SIZE

A4

G			
F			
E			
D			
C			
B			
A	29-JUL-14	PDF	AS
REV	DATE	FILE	BY

1

2

3

4

5

## Cautions and Warnings:

This electronic component is designed and developed with the intention for use in general electronics equipments.

Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body, Würth Elektronik must be asked for a written approval.

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

A

B

C

RoHS Compliant

G				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		
F							
E							
D							
C				APPROVAL: JC	UNIT: MM	DESCRIPTION: DISCLAIMER	SIZE <b>A4</b>
B					SCALE:		
A	10-SEP-14	PDF	QL		SHEET: 1/1	WERI PART NO: DISCLAIMER	
REV	DATE	FILE	BY		DRAW: QL		

D

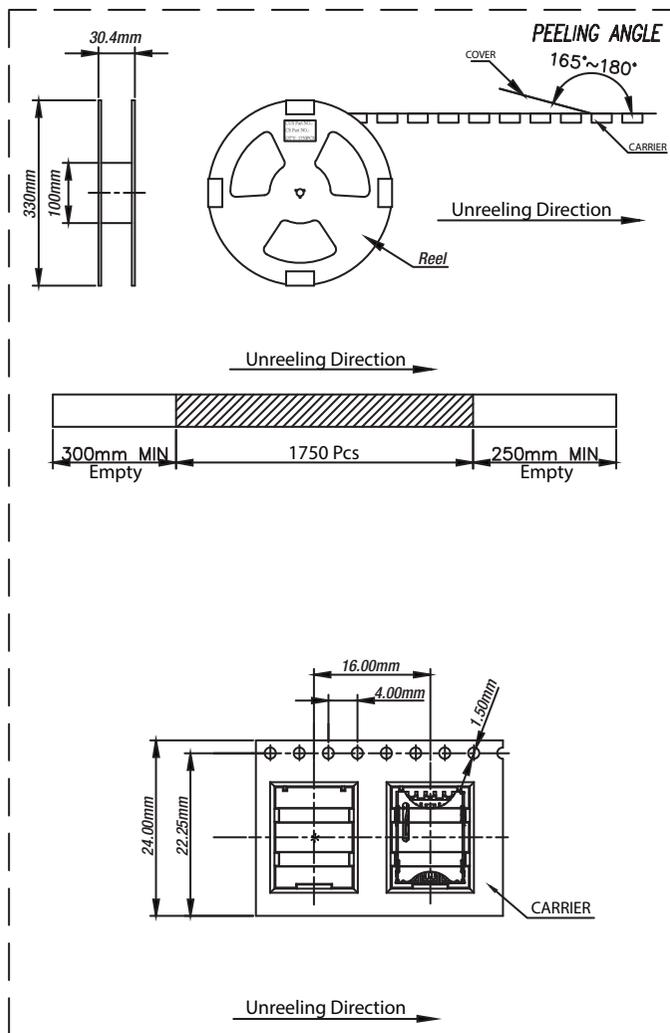
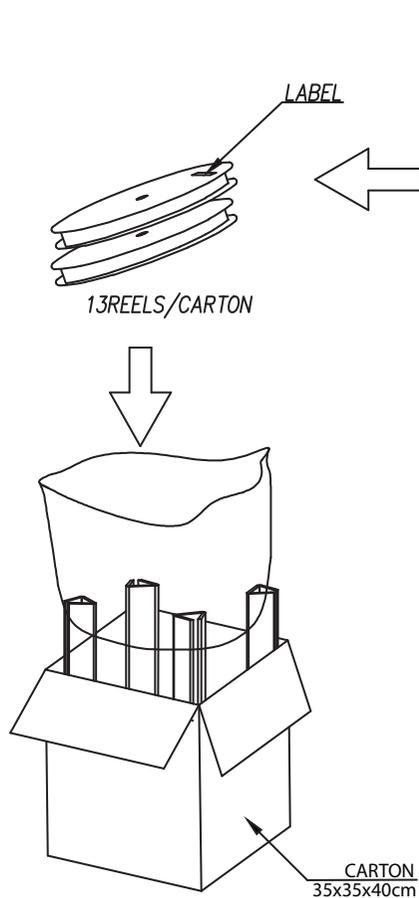
1

2

3

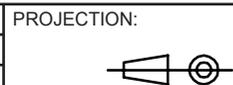
4

5



1750 pcs/reel  
13 reels/carton  
22750 pcs/carton

RoHS Compliant			
G			
F			
E			
D			
C			
B			
A	29-JUL-14	PDF	AS
REV	DATE	FILE	BY



GENERAL TOLERANCE

.X =  $\pm 0.2$

.XX =  $\pm 0.15$



APPROVAL: RJ

UNIT: MM

SCALE:

SHEET: 1/1

DRAW: AS

DESCRIPTION: NANO SIM - PUSH & PULL TYPE - 6 PINS

WERI PART NO: 693 043 020 611

SIZE  
**A4**

A

B

C

D