

CH03-KB - NANO SIM CARD CONNECTOR SMT, PUSH PULL TYPE, WITHOUT SWITCH, 6 CONTACTS

FEATURES

1. GENERAL CHARACTERISTICS

DIMENSIONS: 12.20Lx9.54Wx1.35H mm
 WEIGHT: APPROX. 0.53±0.2g
 CONTACT PRINCIPLE: FRICTION TECHNOLOGY
 MOUNTING SYSTEM: SMT TYPE (OPTIONAL PEGS)
 DURABILITY: 1,500 CYCLES MIN.

2. MECHANICAL CHARACTERISTICS

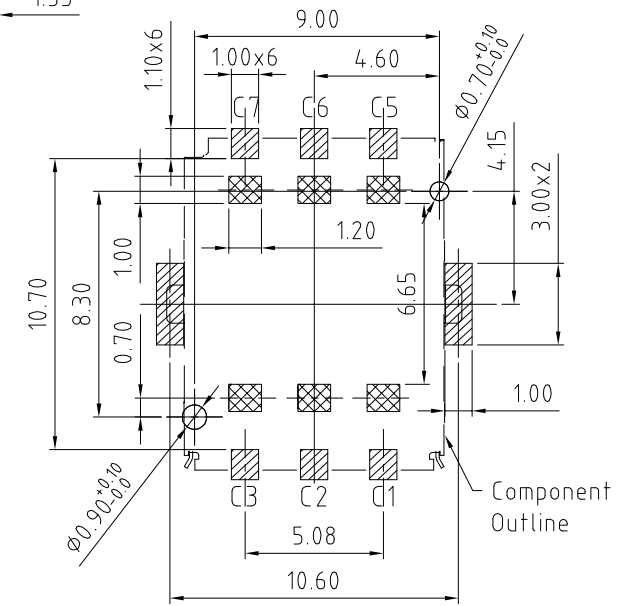
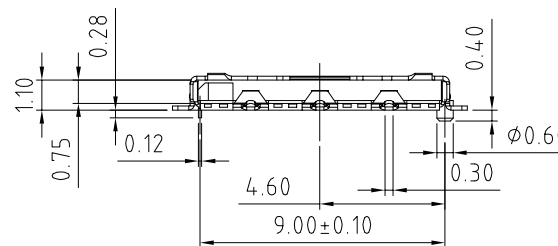
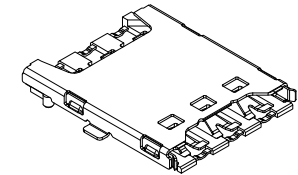
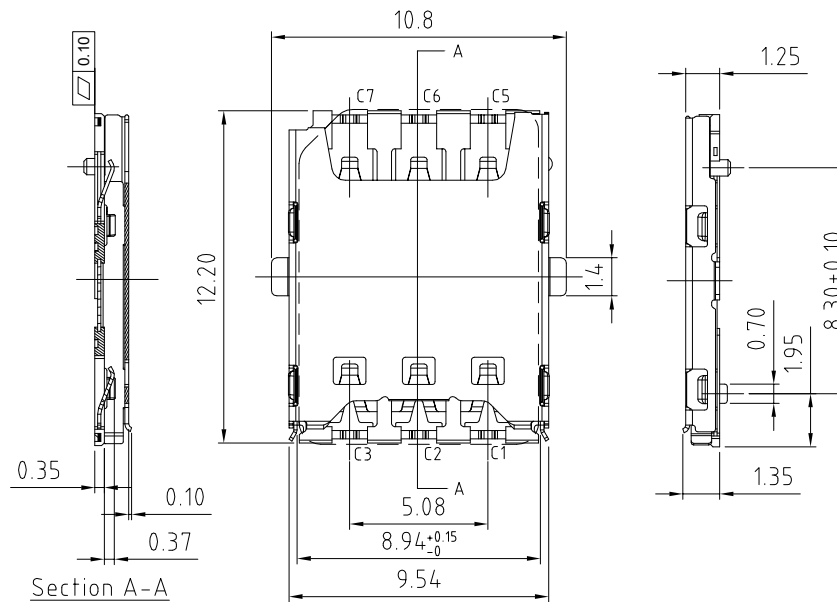
INSULATION MATERIAL: LCP+30% G/F, UL 94V-0
 CONTACT MATERIAL: PHOSPHOR BRONZE
 SHELL MATERIAL: STAINLESS STEEL (SUS301-H)
 CONTACT PLATING: 3U" GOLD OVER NICKEL ON CONTACT POINT, GOLD FLASH ON SOLDER TAIL.
 SHELL PLATING: NICKEL OVERALL.

3. ELECTRICAL CHARACTERISTICS

CURRENT RATING: 0.5A MAX.
 VOLTAGE RATING: 30V MAX.
 CONTACT RESISTANCE: 100m OHMS MAX.
 INSULATION RESISTANCE: >1000M OHMS
 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC RMS, 1 MINUTE
 OPERATING TEMPERATURE: -40°C TO +85°C

NOTES:

1. ACCEPTABLE SIM CARD SIZE SHOULD MEET GSM 11.11 SPECIFICATION REQUIREMENT.



Nano-SIM CARD	
Pin No.	NAME
C1	VCC
C2	RST
C3	CLK
C5	GND
C6	VPP
C7	I/O

▨ Solder Area ▣ Keep Out Area
 (TOLERANCES: ±0.05)

RECOMMENDED PCB LAYOUT

HOW TO ORDER



NO. OF CONTACTS

CONTACT PLATING:
 H = 3U" GOLD ON CONTACT/GOLD FLASH ON TAIL

LOCATING PEGS OPTIONS:
 A = WITH PEGS (STANDARD)
 B = WITHOUT PEGS

PACKAGING TYPE:
 R = TAPE & REEL (1500PCS/REEL)

REV. DATE & DRN	10 10/02/15 - NYW RELEASE
11 08/09/15 - NYW	ADD OPERATING TEMPERATURE
12 11/03/16 - NYW	INSULATION DESIGN CHANGE
13 11/03/16 - NYW	ADD WITHOUT PEGS OPTION
14 07/09/23 - NYW	DRAWING MODIFICATION

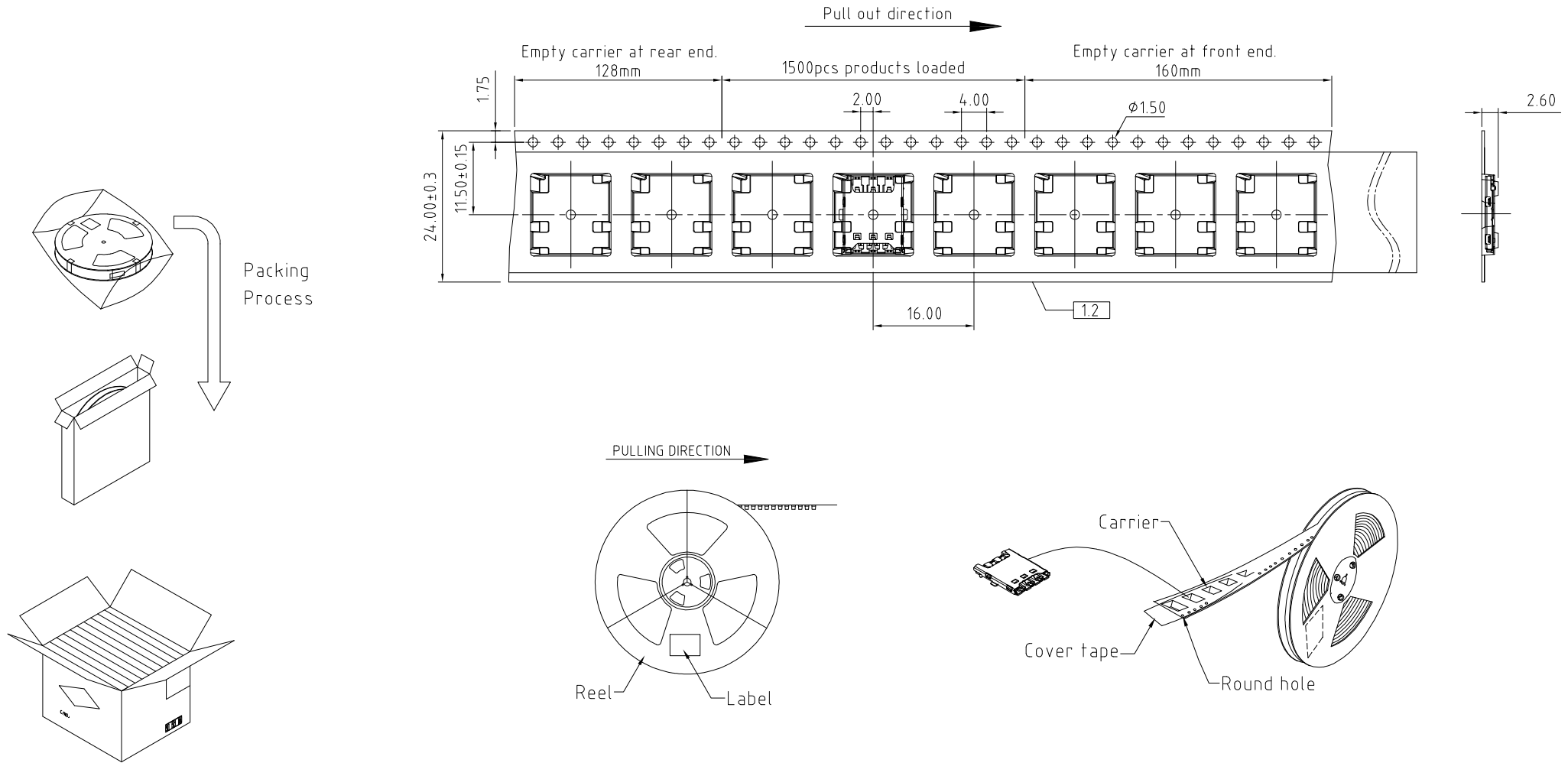
Scale: 5:1	THIRD ANGLE	Unstated Tolerances: X ± 0.25 XX ± 0.15 XXX ± 0.10	Material SEE NOTE
Drawn: NYW			NOT TO SCALE
App'd: XXXX	Title: SIM CARD ACCEPTOR	Unit: mm	
Date: 7 SEP '23	Revision: 1.4		

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CH03-KB - PACKAGING DRAWING



- NOTES:
 1. REEL DIA.: 33CM.
 2. 1500PCS PER REEL.
 3. 10 REELS PER FULL CARTON.

REV. DATE & DRN
 TO: 04/03/15 - NYW RELEASE

	THIRD ANGLE	Unstated Tolerances:	Material SEE NOTE
Drawn: NYW			
App'd: XXX	Title: PACKAGING		NOT TO SCALE
Date: 4 MAR. '15	Revision: 1.0		Unit: mm

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