

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

FEATURES

1. GENERAL CHARACTERISTICS

DIMENSIONS: 12.30Lx10.00Wx1.50H mm
 WEIGHT: APPROX. 0.53±0.2g
 CONTACT PRINCIPLE: FRICTION TECHNOLOGY
 MOUNTING SYSTEM: SMT TYPE (WITH PEG)
 DURABILITY: 1,500 CYCLES MIN.

2. MECHANICAL CHARACTERISTICS

INSULATION MATERIAL: THERMOPLASTIC, UL 94V-0
 CONTACT MATERIAL: PHOSPHOR BRONZE
 SHELL MATERIAL: STAINLESS STEEL (SUS)
 CONTACT PLATING: 3U" GOLD OVER NICKEL ON CONTACT POINT, GOLD FLASH ON SOLDER TAIL, NICKEL ON THE REST.
 SHELL PLATING: GOLD FLASH ON HOLD DOWNS

3. ELECTRICAL CHARACTERISTICS

CURRENT RATING: 1A MAX.
 VOLTAGE RATING: 50V MAX.
 CONTACT RESISTANCE: 50m OHMS TYP. 100m OHMS MAX.
 INSULATION RESISTANCE: >1000M OHMS / 500V DC
 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC RMS, 1 MINUTE

3. SOLDERABILITY

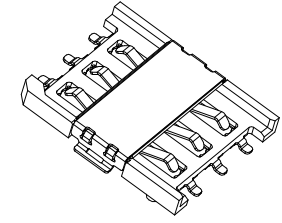
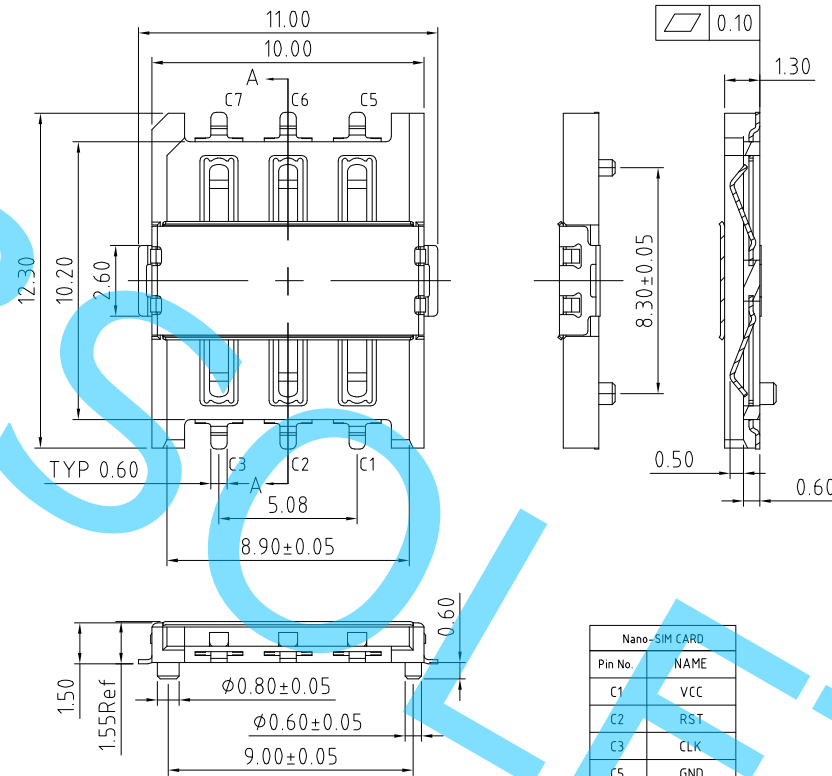
WAVE: NOT APPLICABLE
 VAPORPHASE: 215°C, 30 SEC. MAX.
 IR REFLOW: 250°C, 5 SEC. MAX.
 MANUAL SOLDERING: 370°C, 3 SEC. MAX.

4. ENVIRONMENTAL CHARACTERISTICS

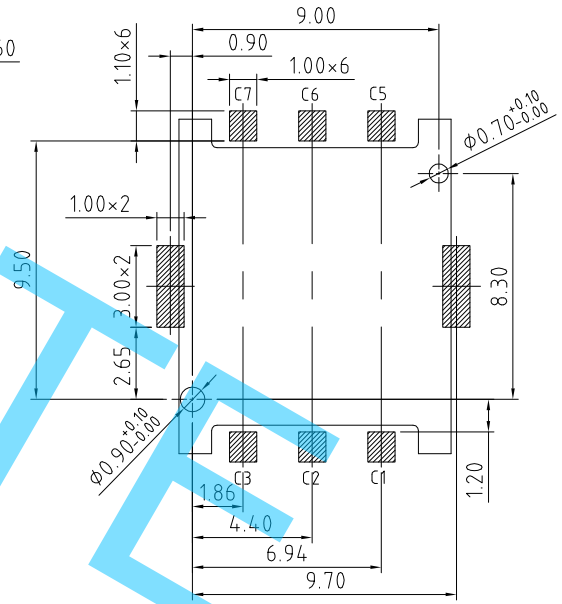
OPERATING TEMPERATURE: -40°C ~ +85°C
 OPERATING HUMIDITY: 10% ~ 95% RH
 STORAGE TEMPERATURE: -40°C ~ +85°C
 STORAGE HUMIDITY: 10% ~ 95%RH

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



HOW TO ORDER



NO. OF CONTACTS

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

(TOLERANCES: ±0.05)
RECOMMENDED PCB LAYOUT

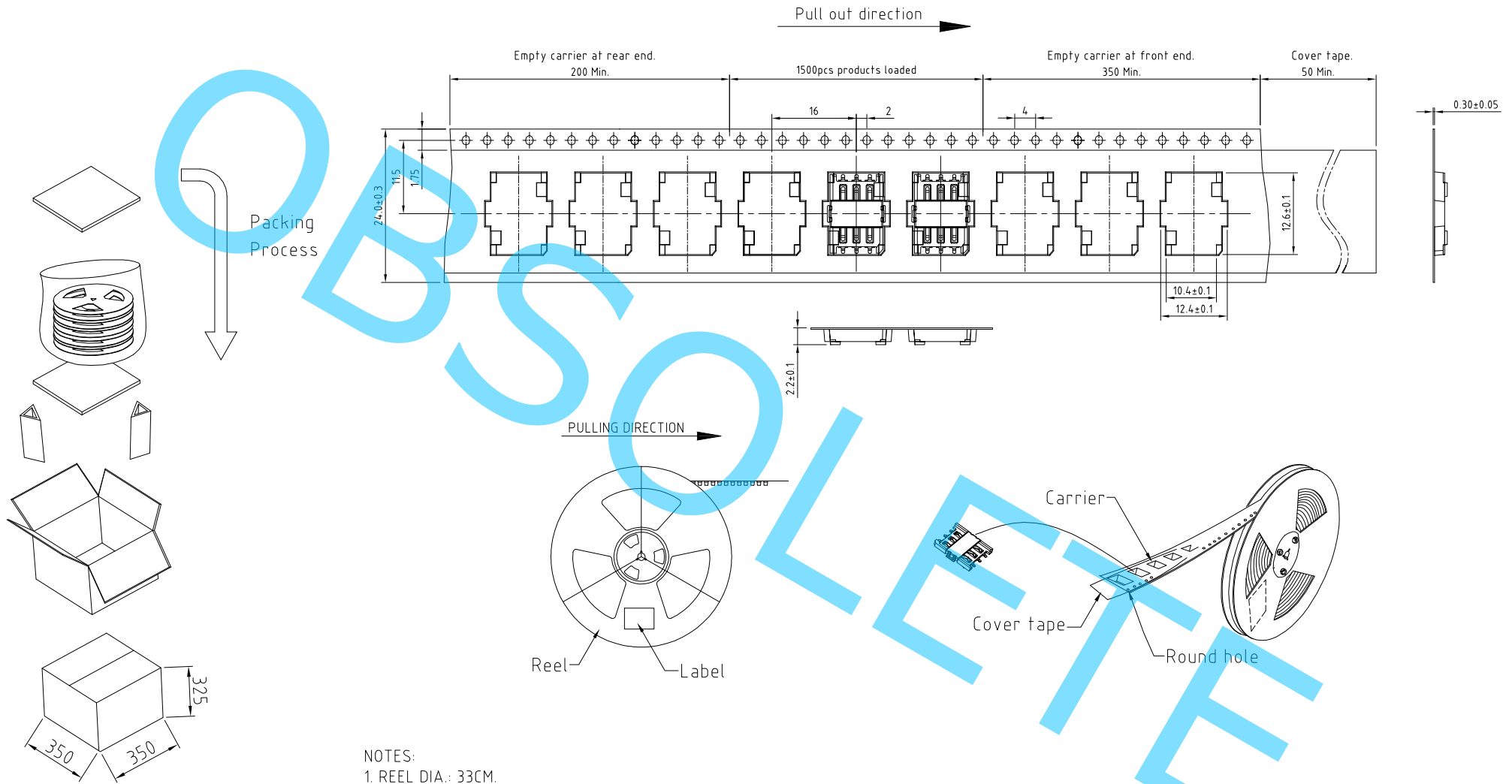
REV. DATE & DRN
 10 12/08/14 - NYW RELEASE
 11 16/09/14 - NYW ADD PRODUCT SPECIFICATION, AMEND DURABILITY CYCLES.
 12 03/11/14 - NYW AMEND INCORRECT PHRASE

Scale: 5:1	THIRD ANGLE	Unstated Tolerances: XX ± 0.15	Material: SEE NOTE
Drawn: NYW			
App'd: XXXX	Title: SIM CARD ACCEPTOR		NOT TO SCALE
Date: 3 NOV. '14	Revision: 1.2		Unit: mm

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Type: CH03-KA
CH03-KA
Drawing Number:
Sheet 1 of 1
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CH03-KA - PACKAGING DRAWING



- NOTES:
1. REEL DIA.: 33CM.
 2. 1500PCS PER REEL, GROSS WEIGHT: 0.7KG.
 3. 10 REELS PER FULL CARTON, GROSS WEIGHT: 7.5KG.

REV. DATE & DRN
TO: 16/09/14 - NYW RELEASE

	THIRD ANGLE	Unstated .X .XX .XXX X.°	Tolerances: ±0.15 ±0.10 ±0.05 ±1.5°	Material SEE NOTE
Drawn: NYW				
App'd: XXX	Title: PACKAGING			NOT TO SCALE
Date: 16 SEP. '14	Revision: 1.0			Unit: mm



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