

CH03-GB - 3FF MICRO SIM CARD CONNECTOR SMT, PUSH PUSH TYPE, WITH SWITCH, 6 OR 8 CONTACTS

FEATURES

1. GENERAL CHARACTERISTICS

DIMENSIONS: 15.75L x 17.17W x 1.50H mm
WEIGHT: APPROX. 0.4g
CONTACT PRINCIPLE: FRICTION TECHNOLOGY
DURABILITY: 1,500 CYCLES MIN.

2. MECHANICAL CHARACTERISTICS

INSULATION MATERIAL: THERMOPLASTIC, UL 94V-0
CONTACT MATERIAL: PHOSPHOR BRONZE, GOLD PLATED
CD SWITCH: PHOSPHOR BRONZE, GOLD PLATED
SHELL MATERIAL: STAINLESS STEEL, GOLD PLATED ON SMT AREA
SWITCH TYPE: BLADE, NORMALLY CLOSE

3. ELECTRICAL CHARACTERISTICS

NUMBER OF CONTACTS: 6, 8 PINS (OPTIONAL)
CONTACT RESISTANCE (CONTACTS): 50m OHMS TYP. 100m OHMS MAX.
CONTACT RESISTANCE (SWITCH): 300m OHMS MAX.
INSULATION RESISTANCE: >1000M OHMS / 500V DC
DIELECTRIC WITHSTANDING VOLTAGE: 500V AC RMS, 1 MINUTE
VOLTAGE RATING: 50V MAX.
CURRENT RATING: 1A MAX., 10uA MIN.

4. SOLDERABILITY

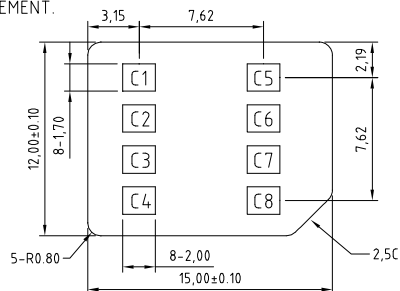
WAVE: NOT APPLICABLE
IR REFLOW: 250°C, 5 SEC. MAX.
MANUAL SOLDERING: 370°C, 3 SEC. MAX.

5. 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.



THICKNESS: 0.76 ± 0.08
MICRO SIM CARD

C H 0 3

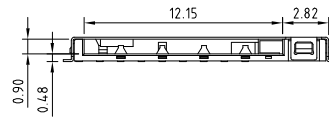
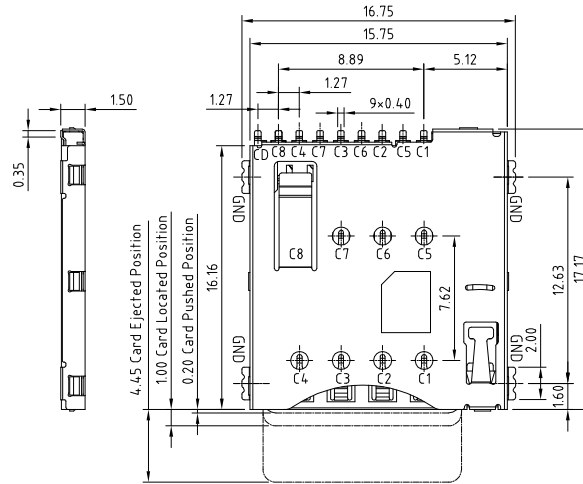
- G B X X 0

- A B R

HOW TO ORDER

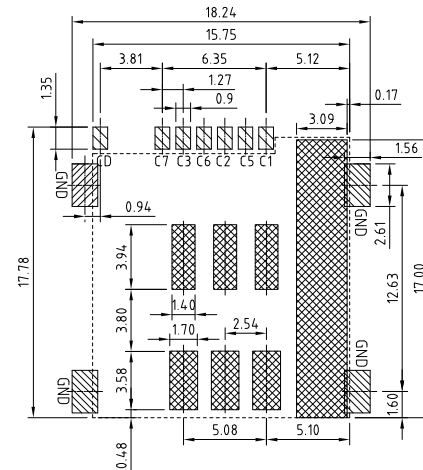
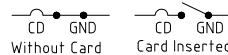
NO. OF CONTACTS
06 OR 08

PACKAGING OPTIONS
R = TAPE & REEL (1000PCS/REEL)

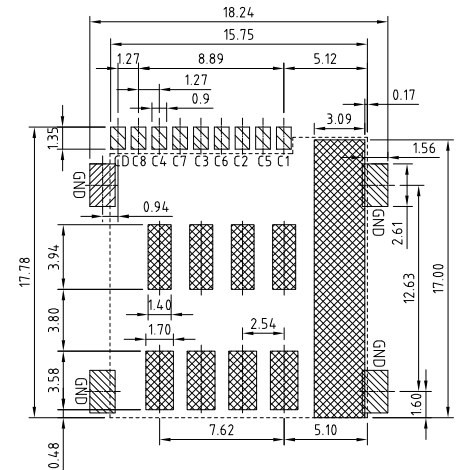


Switch Operation Diagram

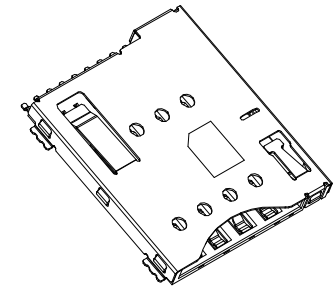
Electric Function	Defect Switch
Without Card	Closed
Card Inserted	Open



BOARD PAD NO WIRING AREA
(TOLERANCES: ±0.05)
RECOMMENDED PCB LAYOUT (6 PINS)



BOARD PAD NO WIRING AREA
(TOLERANCES: ±0.05)
RECOMMENDED PCB LAYOUT (8 PINS)



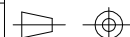
Scale: 3:1

Drawn: NYW

App'd: XXXX

Date: 18 JUL. '14

THIRD ANGLE



Title: SIM CARD ACCEPTOR

Revision: 1.0

Unstated Tolerances:
XX ± 0.15Material
SEE NOTE

NOT TO SCALE

Unit: mm



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Type: CH03-GB

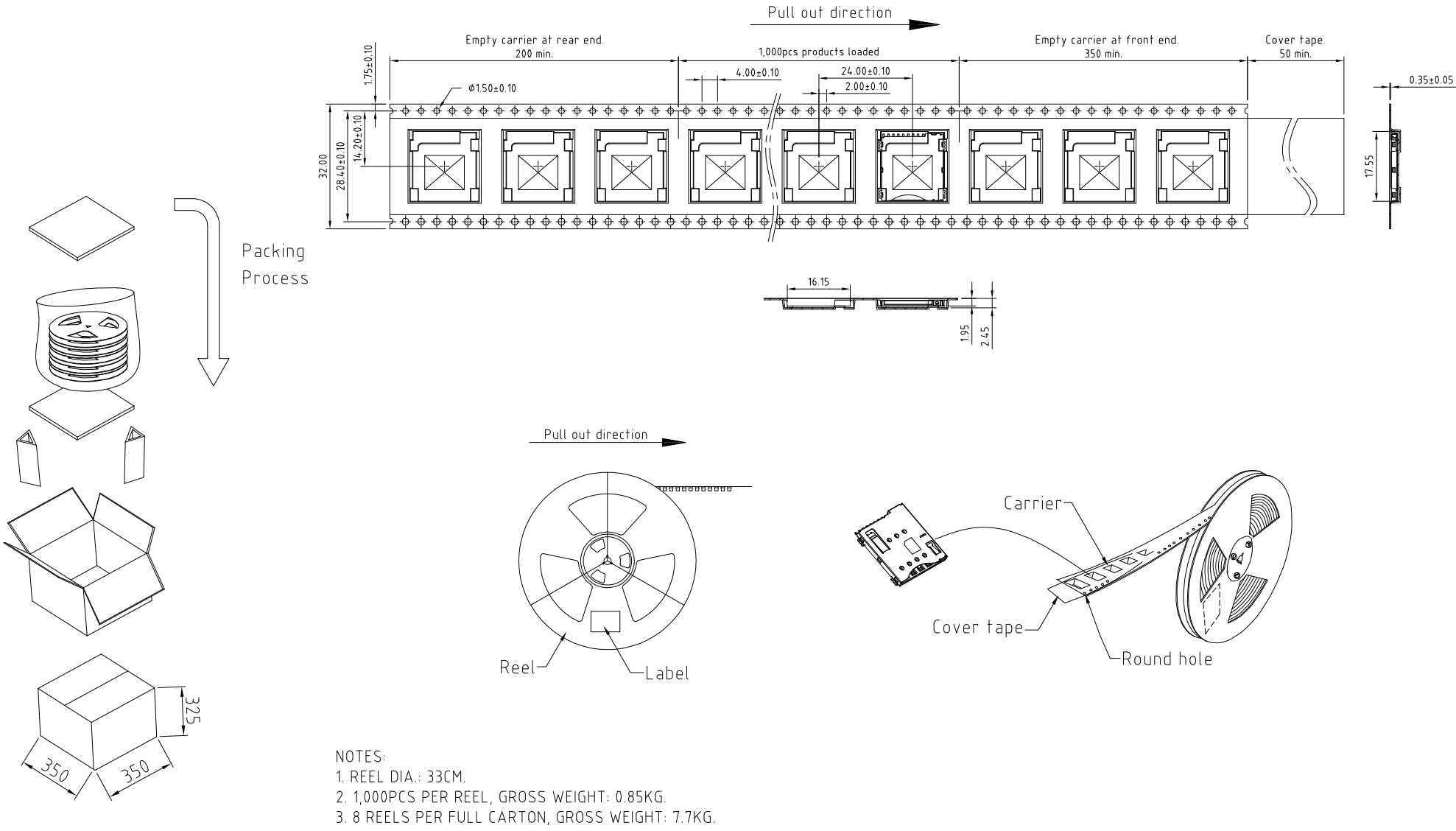
CH03-GB





Drawing Number:

Sheet 1 of 1

Drawing © E and O E

CH03-GB - PACKAGING DRAWING



REV. DATE & DRN 10 05/08/'14 - NYW RELEASE				THIRD ANGLE	Unstated .X .XX .XXX X.°	Tolerances: ±0.15 ±0.10 ±0.05 ±1.5°	Material SEE NOTE		Type: CH03-GB CH03-GB Drawing Number: Sheet 1 of 1
	Drawn: NYW								
	App'd: XXX	Title: PACKAGING			NOT TO SCALE				
	Date: 5 AUG. '14	Revision: 1.0			Unit: mm		 THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT		Drawing  E and O E