CURRENT RATING: 1 AMP MAX., 10μA MIN.
VOLTAGE RATING: 50V MAX.
INSULATOR RESISTANCE: >1000 MΩ MIN./500V DC
DIELECTRIC WITHSTANDING: 500 V AC RMS MIN.
CONTACT RESISTANCE: 50mΩ TYPICAL, 100mΩ MAX.
OPERATING TEMPERATURE: -60°C TO +85°C
CONTACT & SWITCH MATERIAL: PHOSPHOR BRONZE
CONTACT & SWITCH PLATING: GOLD PLATED ON CONTACT AREA OVER NICKEL
INSULATOR MATERIAL: THERMOPLASTIC, UL94V-0, BLACK
SHELL MATERIAL: SUS
SHELL SMT PLATING: GOLD FLASH ON CONTACT AREA OVER NICKEL
SOLDERABILITY: IR REFLOW: 260°C FOR 10 SEC MAX.
MANUAL SOLDER: 370°C FOR 3 SEC MAX.
DURABILITY: 5,000 CYCLES

ELECTRIC FUNCTION

WITHOUT CARD
DETECT SWITCH
OPEN
CARD INSERTED
CLOSED

SWITCH OPERATION DIAGRAM

PAD AREA
KEEP AREA
KEEP OUT AREA

RECOMMENDED P.C.B LAYOUT COMPONENT SIDE (TOLERANCE ±0.05"

FOR 6 CONTACTS, REMOVE PINS C4 & C8

NO. OF CONTACTS
6 CONTACTS
8 CONTACTS

WITH SWITCH
WITHOUT
LOCATING PEG

CH03 - DE0X0 - ABR

REEL PACKAGING
(900PCS REEL)

CH03-DE0X0

Type: CH03-DE

DRAWING SHEET

www.gradconn.com

Date: 16 MAR '17
Revision: 1.0
Unit: mm

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RoHS Compliant