



EXCEL CELL ELECTRONIC CO., LTD.

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APPROVAL SHEET CHANGE REQUEST / NOTICE

產品變更通知

CUSTOMER:	
ATTN:	C.C.:
※Items of Change 變更項目： ☐ Dimension 尺寸 ☒ Appearance 外觀	
※Descriptions 說明： ☐ Requirements of Customer 客戶要求 ☒ Our Promotion 產品優化	
※Comparison 產品比較： ☒ Before 變更前：See attachment 參閱附件 P/N 料號：EDG1XXSRA FEATURES 產品：Contact (Gold Plated)接觸面(鍍金) / Terminal (Gold Plated)鉤錫端子(鍍金) ☒ After 變更後：See attachment 參閱附件 P/N 料號：EDG1XXSRA33 FEATURES 產品：Contact (Gold Plated)接觸面(鍍金) / Terminal (Tin Plated)鉤錫端子(鍍錫) ※變更後，可優化鉤錫性。	
※Attachments 附件：	Customer approval & comments 客戶同意與意見：
Note: Please confirm the items of change by return within 14 days. Otherwise, it will be recognized that all items of change are accepted by you.	

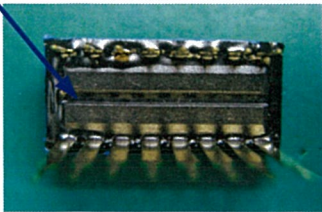

R&D DEPARTMENT MANAGER

2017-01-10
DATE

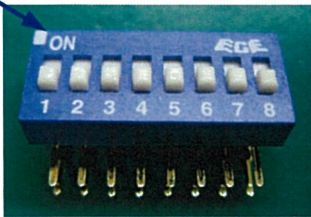
BEFORE 變更前

P/N 料號：EDG1XXSRA

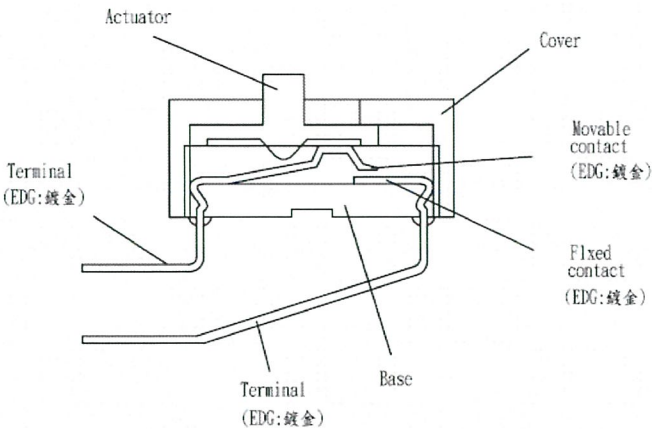
底座溝槽



印刷



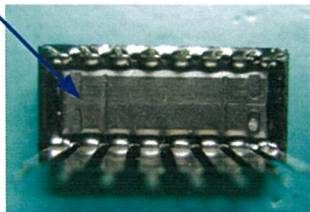
CONSTRUCTION



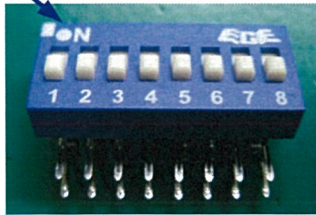
AFTER 變更後

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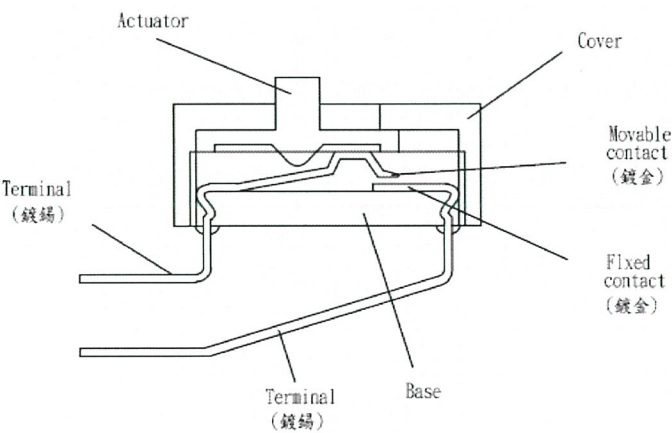
底座溝槽



印刷



CONSTRUCTION



NOTE

ITEMS	EDG1XXSRA33	EDG1XXSRA
鍍錫性 (Solderability)	better	good

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EDG(RA 33) DIP SWITCH

1. FEATURES:

- 1-1 Tactile response is performed directly by larger contact pressure to ensure very stable contact.
- 1-2 All plastic are UL 94V-0 grade fire retardant.
- 1-3 Bottom epoxy sealed standard to ensure free of flux immersion during wave soldering.
- 1-4 Contact wiping on make and break.
- 1-5 Gold plated contact to ensure low contact resistance and long mechanical life.
- 1-6 Ideal for data processing, communications, remote controls and burglar alarm system use, where manual programming is required.
- 1-7 RoHS Compliant.

2. SPECIFICATIONS:

2-1 ELECTRICAL

2-1-1 Contact rating

switching	25 mA, 24 VDC
non-Switching	100 mA

2-1-2 Contact resistance

initial	50 mΩ Max.
after life test	100 mΩ Max.

2-1-3 Insulation resistance	1,000 MΩ Min. at 100 VDC
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2-1-4 Dielectric strength	500 VDC Min. for 60 seconds
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2-1-5 Capacitance between adjacent switches 5 pF Max.

2-2 MECHANICAL AND ENVIRONMENTAL

2-2-1 Temperature rating

operating -25°C to + 70°C

storage -40°C to + 85°C

2-2-2 Operation force 800g Max. (SPST only)

2-2-3 Mechanical life 2,000 operations

2-2-4 Humidity 95% RH, 40°C for 96 Hrs.

2-2-5 Vibration 10Hz-55Hz-10Hz for 6 Hrs.

2-2-6 Solderability After flux 230±5°C for

5±0.5 seconds 95% coverage

2-2-7 Resistance to soldering heat 260±5°C for 5±1 seconds.

3. OPTIONS:

3-1 Special top or side marking available.

3-2 Right angle for spst 1-12 positions.

3-3 Low profile actuator.

3-4 Low profile actuator plus top tape sealed.

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4 PART NUMBERING SYSTEM

EDG	1	X	X	RA	X	XX	
							Special product number :
							33 : Contact(Gold Plated) / Terminal (Tin Plated)
							Blank : Without Tape Sealed
							T : With Tape Sealed
							Right Angle
							Actuator and Sealing:
							S: Standard
							L: Low Profile Actuator
							Number of positions: As Dimensions and Circuitry
							Contact Forms:
							1. SPST 2. DPST
							4. 3PST 5. 4PST
							Series Name:
							EDG: Gold Plated Contact Type

5. PACKING

5-1 PACKING METHOD

All switches are packed into IC tubes as an inner packing unit,
then ten tubes are bundles together with rubber bands.

Length of IC tube: 560 mm (EDG 1 pole only: 280 mm).

5-2 INFORMATION ON LABEL (stuck to each bundle of IC tubes).

- | | |
|------------------|-------------------------|
| (1) DESCRIPTION. | (7) QC STAMP. |
| (2) LOT NO. | (8) DATE. |
| (3) QUANTITY. | (9) MANUFACTURERS NAME. |
| (4) TESTER NO. | |
| (5) ECE MARK. | |
| (6) WARNING. | |

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6. DRAWINGS

Dip switch dimensions: see attached drawing.

Circuit diagram: see attached drawing.

P.C.B. layout diagram: see attached drawing.

7. WARNING

Please keep contacts in OFF position during wave soldering.

