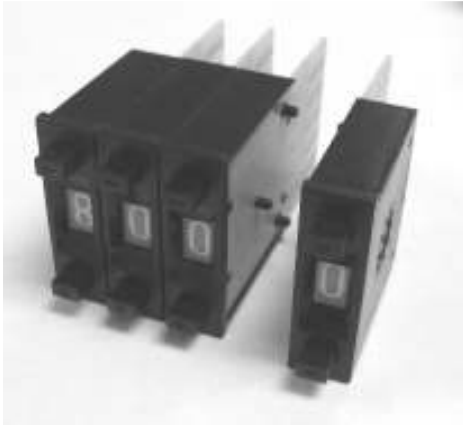


Hi-Q Components

Hi-Q Electronics Ltd, PO Box 302 015, North Harbour, Auckland, New Zealand Ph + 64 9 415 3333 Fax + 64 9 415 8686



Specifications

Operating Voltage : 50 vAC / 28 vDC
 Switching Current: 100mA Max.
 Carrying Current : 1A Max (½A 15mm Models).
 Contact Resistance: 200 milliohm
 Operating Temperature: -20°C to +65°C
 Life Mechanical : 200,000 detent operations
 Electrical : 100,000 detent operations
 Insulation Resistance : (Method 302 of Mil-STD 202)

- a. Between common terminal and any output: 10 MΩ min.
- b. Between each output and non current carrying part: 1000 MΩ min.

Dielectric Strength: (Method 301 of Mil-STD 202)

- a : Between common terminal and any output: 800vAC 1 minute.
- b : Between each output and non current carrying part: 1000 vAC 1 minute.

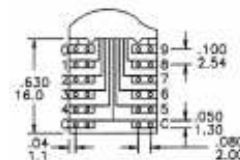
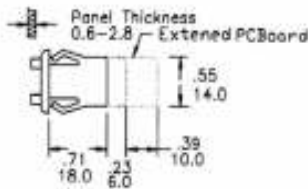
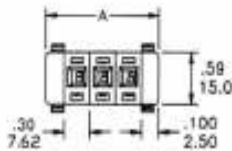
Materials :
 Housing - Black Thermoplastic
 Contacts - Precious metal on phosphor bronze
 PCB - Hard Gold plated over nickel plate on 0.79mm epoxy laminate.

Features

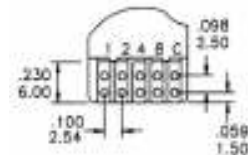
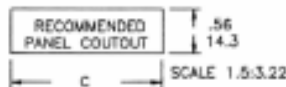
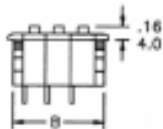
- ★ 10 position BCD & Decimal Codes.
- ★ Extended PCB for Diodes.
- ★ Miniature applications.
- ★ Economical, reliable and easy to operate as 'user selector switch'.
- ★ Quick snap fit panel mounting.
- ★ Large easy to read numerals.

15mm Models

Dimensions



DECIMAL



BCB



$$A = 7.62(.300) * N + 5.00(.197)$$

$$B = 7.62(.300) * N + 3.00(.118)$$

$$C = 7.62(.300) * N + 3.30(.130)$$

N = Number of Sections

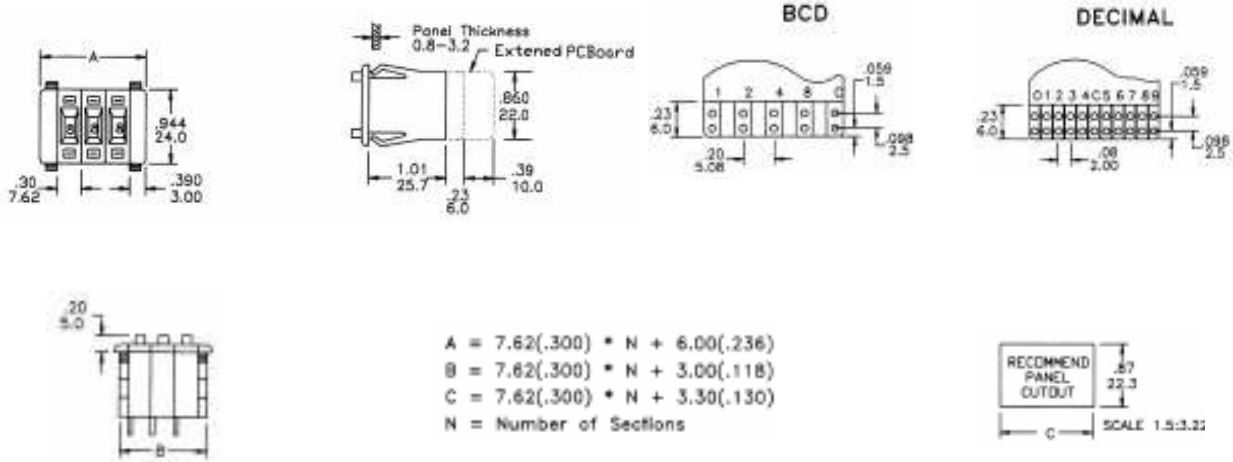
| Part Number. | Code | Lettering | End Plates Part No. | Spacer Part No. | Connector Part No. |
|--------------|---------|----------------|---------------------|-----------------|--------------------|
| 40-PF5252B | BCD | White on Black | 40-E52HB | 40-S52HB | 40-TC5252 |
| 40-PF5201B | Decimal | White on Black | 40-E52HB | 40-S52HB | 40-TC5201 |

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24mm Models

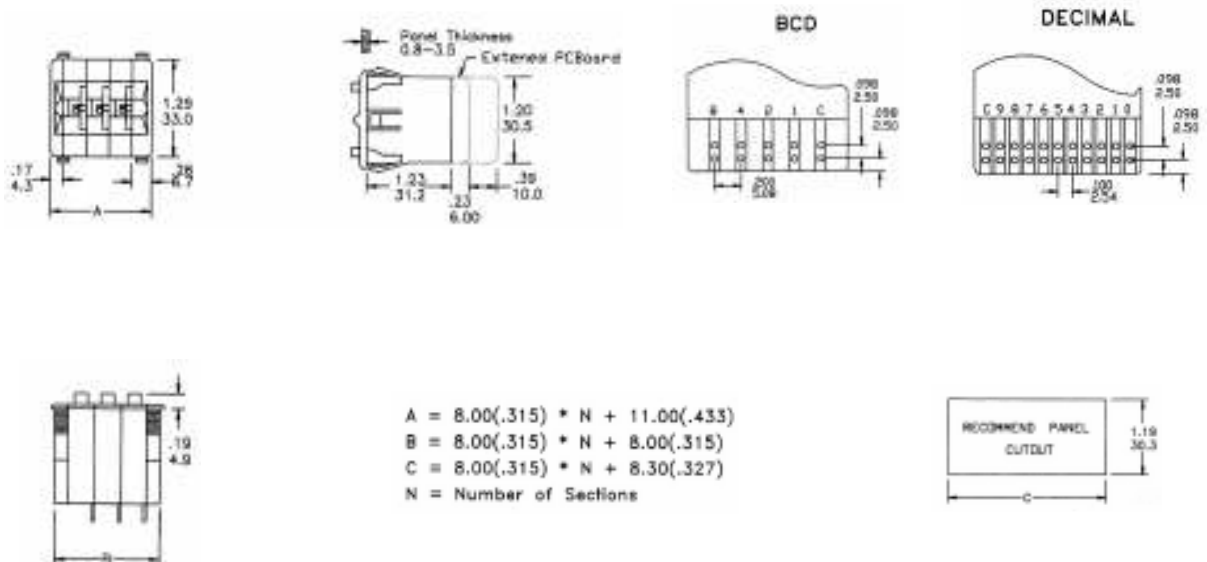
Dimensions



| Part Number. | Code | Lettering | End Plates Part No. | Spacer Part No. | Connector Part No. |
|--------------|---------|----------------|---------------------|-----------------|--------------------|
| 40-PF4452B | BCD | White on Black | 40-E44HB | 40-S44HB | 40-TC4452 |
| 40-PF4401B | Decimal | White on Black | 40-E44HB | 40-S44HB | 40-TC4401 |

33mm Models

Dimensions



| Part Number. | Code | Lettering | End Plates Part No. | Spacer Part No. | Connector Part No. |
|--------------|---------|----------------|---------------------|-----------------|--------------------|
| 40-PF2152B | BCD | White on Black | 40-E21HB | 40-S21HB | 40-TC2152 |
| 40-PF2101B | Decimal | White on Black | 40-E21HB | 40-S21HB | 40-TC2101 |