

RAST 2.5 IDT FEMALE CONNECTOR



R25B SERIES. 2.50 mm. (0.098") pitch.

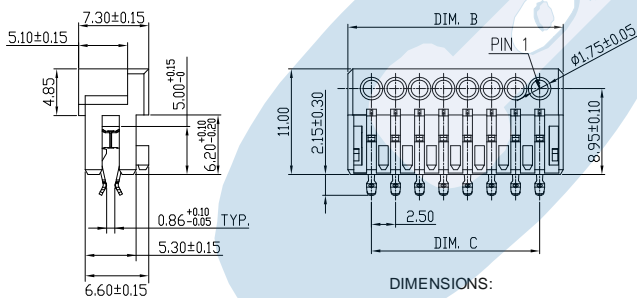
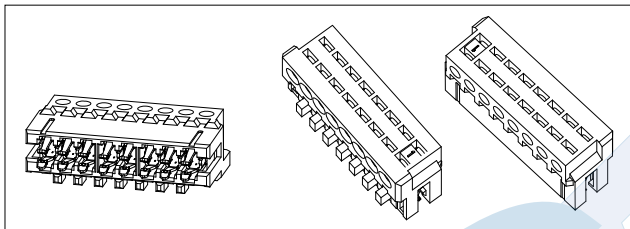
General Features

- Available in 2 through 20 circuits
- Allow wire to PCB connections. Friction Locking
- Edge card connection with polarizing key
- Accept wires AWG 22-28
- Open and closed end options

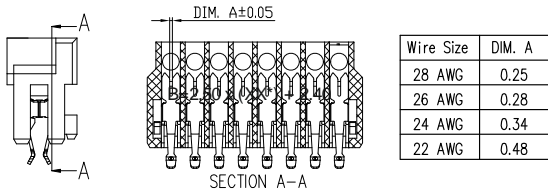
Materials

- Insulator: PA66 UL 94 V-0
- Contact: Phosphor bronze
- Operating temperature: -40°C to +115°C
- RoHS compliant

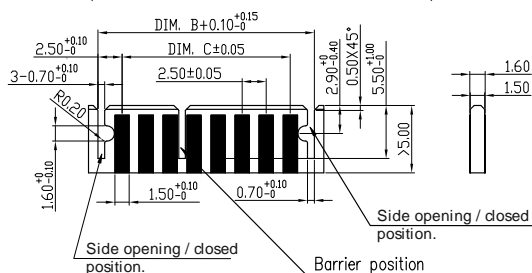
Dimensional Information



DIMENSIONS:
 $B = 2.50 \times (XX^*) + 2.40$
 $C = 2.50 \times (XX^* - 1)$
 (XX*) = Number of Circuits



Recommended P.C.B Layout (Top View)
 (PCB BOARD TOLERANCE ±0.05)



Electrical Features

- Voltage rating : 500 V
- Current rating: 3 A
- Contact resistance: < 20 mΩ
- Dielectric Withstanding Voltage: 1000 V AC/minute
- Insulation resistance: >1000 MΩ

Mechanical Features

- Wire Retention Force from Housing: > 4 Kgf
- Durability: 25 cycles

Part Number:

R25B - T- XX- EE- S- B- C- O

1 2 3 4 5 6 7 8

1. Series

2. (T) Plating Options

- T = 2. Tinned
- T = 3. Gold flash

3. (XX) Number of Circuits

- Available in 2 to 20 circuits

4. (E) Empty Pins

- (See Table 1)

5. (S) AWG

- S = 1. 28 AWG
- S = 2. 26 AWG
- S = 3. 24 AWG
- S = 4. 22 AWG

6. (B) First Barrier Position

- B = 0. Not Barrier
- B = 1. Between 1 & 2
- B = 2. Between 2 & 3
- ...
- B = K. Between 19 & 20

7. (C) Second Barrier Position

- C = 0. Not Barrier
- C = 1. Between 1 & 2
- C = 2. Between 2 & 3
- ...
- C = K. Between 19 & 20

8. (O) Side Opening Position

- (See Table 2)

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TABLE 1. Empty Pins Position:

Pin No. Number	Loading																			
	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
00																				
01																				■
02																				■
03																				■
04																				■
05																				■
06																				■
07																				■
08																				■
09																				■
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31																				■
32																				■
33																				■
34																				■

Pin No. Number	Loading																			
	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
35																				■
36																				■
37																				■
38																				■
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67																				■

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TABLE 2. Side Opening Position:

Number	VIEW	Number	VIEW
A		F	
B		G	
C		H	
D		J	
E			

