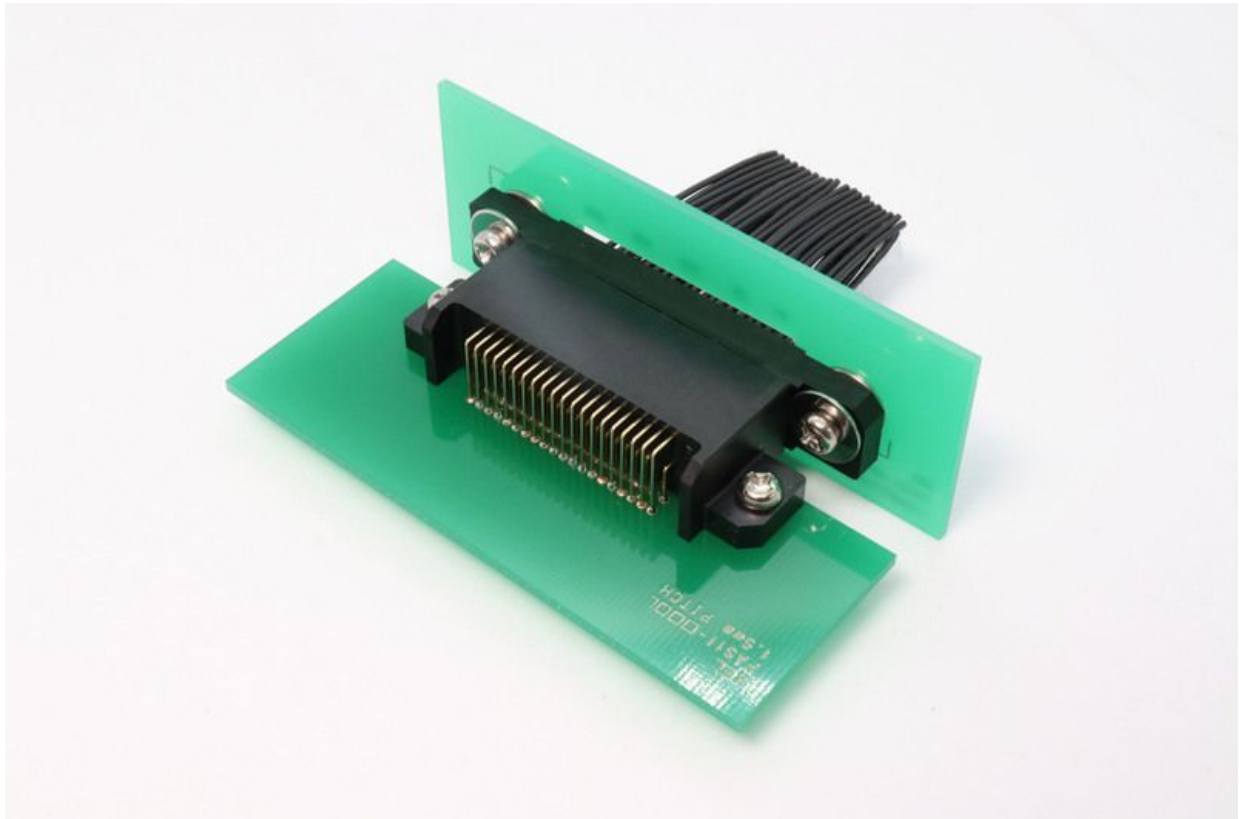


## 1.5mm pitch drawer connector "FAS series"

Notice of development of printed circuit board side connector right angle type



FAS series printed circuit board side connector right angle type

KEL Corporation is developing a right-angle type of 1.5mm pitch drawer connector "FAS series" printed circuit board side connector.

[What is a drawer connector ?](#)

[Click here for details on the FAS series](#)

We are considering adding a right angle type connector to the "FAS series" printed circuit board side connector, and can support designs that pull out cables in the horizontal direction.  
number of contacts of poles is assumed to be 4, 16, 22, 32, and 40 poles.  
We can provide shape samples. (40 poles)



### <Features>

-The connection method is printed circuit board-to-cable.

--By moving the screwed part of the cable side connector, it is possible to absorb up to  $\pm 1.4$  mm in the XY direction.

Inveiglement structure that absorbs mating error by  $\pm 3$  mm in the XY axis direction.

-Highly reliable design with effective mating length length of 3.4 mm.

twin-leaf pinching 2point contact structure that prevents contact buckling and stabilizes contact force.

### <Product Specifications>

Insulator materials: PBT (with glass-filled) UL94V-0 material, color: black

- Contact material: Copper alloy

- Contact plating: Gold over Nickel

-Rated current rating: 2.5A per contact (AWG # 24)

: 2.0A per contact (AWG # 26, AWG # 28)

contact resistance: 30m $\Omega$  or less

dielectric withstand voltage: AC650V, 1 minute

insulation resistance: DC500V, 1000M $\Omega$  or more

--Durability of insertion and removal: 2,000 times (# 597- □)

: 5,000 times (# 597D- □)

- Operating temperature: -40°C to +85°C

### <Application>

-Game equipment (pachinko, pachislot, platform ball lending machine)

-Industrial equipment (banknote transport unit, electric current measuring instrument for trains, protection relay, etc.)

\* Because this is a product under development, the specifications, shape, and series name are subject to change without notice.

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**B.C.E. S.r.l.** - Via Regina Pacis, 54/c - I 41049 Sassuolo (MO), Italy

Tel: (+39) 0536 811616

Fax: (+39) 0536 811500

E-mail: [bce@bce.it](mailto:bce@bce.it)

Web: [www.bce.it](http://www.bce.it)