

Features

- 1 Compact and narrow width connector - 0.5mm terminal tab size, 2mm pitch
- 2 Short-circuit/electric shock prevention design contributes to enhanced safety
- 3 High heat resistance 125°C
- 4 High vibration resistance
- 5 Potting resin blockage prevention design



Finger Protect



Space-Saving



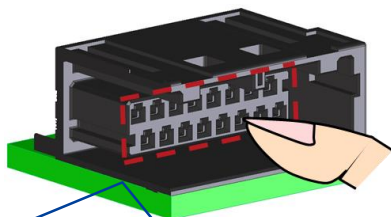
Contact Reliability

**Patent Pending**

Short-Circuit/Electric Shock Prevention Design

The female contacts are used on the board side and the live parts are completely covered with resin.

(Receptacle/Cross-Section)



The female contacts are enclosed in highly insulating resin.

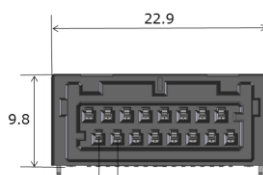
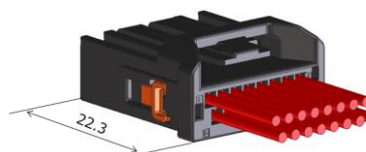
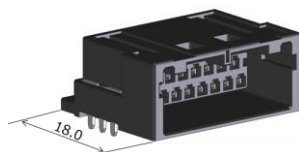
- Board damage due to a short circuit between adjacent terminals
  - Operator electric shock from touching the contacts
- Eliminates two risks

Compact and Narrow Width

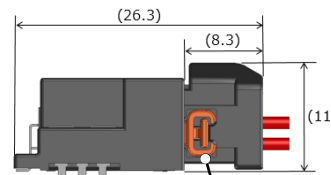
Unit : mm

Receptacle : ZH05-16DS-2H(A)

Plug : ZH05-16DP-HU(A)  
Male Crimp Contact : ZH05-2224PCF



Pitch : 2.0 (Mounting Pitch : 1.0)



<Mated State>

Specifications

Rated Current	2A
Rated Voltage	60V AC/DC
Operating Temperature	-40 to +125°C*
Contact Resistance	10mΩ Max.
Withstanding Voltage	1000V AC for 1 min.
Insulation Resistance	100MΩ Min. (500V DC)
Mating Durability	30 times

\*Including temperature rise due to current flow

- RoHS2 compliant
- No. of Pos. : 16pos. (Mass Production), 12/20/24pos. (Under Planning)
- Applicable Cable : 22-24 AWG (0.2-0.35sq), Coated Outer Diameter ø1.4mm (FLRY)
- Mating Keys : A and B, Two Key Types