



ZE05 Series

125°C High Heat Resistance, High Vibration Resistance,
050 Tab Size/2mm Pitch, Automotive Interface Connector

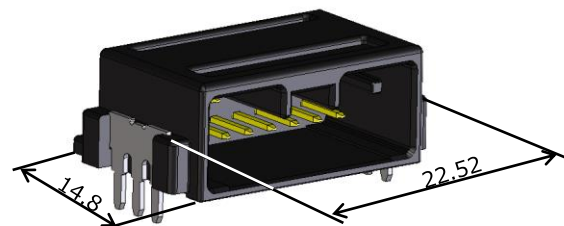
◆ Features

1. Space saving design
(0.5mm terminal, 2mm pitch)
2. 125°C High heat resistance
3. High vibration resistance
4. Rated current 5A(Mono-pole power supply) /
2A (24pos.)
5. Retainer realizes 40N pull force strength

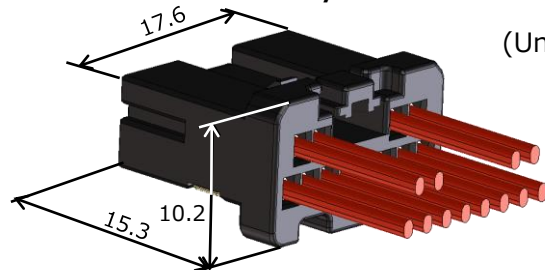


◆ Dimensions

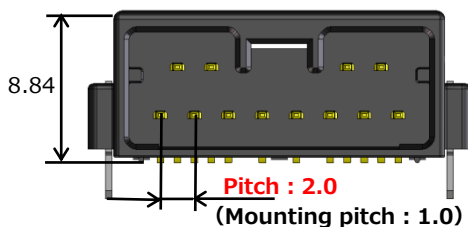
<Receptacle>
ZE05-12DP-2H



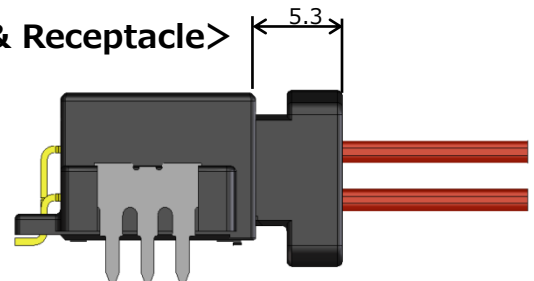
<Plug>
ZE05-12DS-HU/R



(Unit: mm)



<Mated Plug & Receptacle>



◆ Low Profile, Small Size Design ◆ High Heat Resistance/ High Vibration Resistance

Product from
another
manufacture

Height
Approx. 5% DOWN

Depth

Approx. 3% DOWN

Small size design contributes
unit space saving.

ZE05 Series

① 125°C Heat Resistance

② High Vibration Resistance

⇒ Satisfy severe heat & vibration resistance
required in the engine room

◆ Specifications

	COMPONENT	MATERIAL	FINISH, REMARKS
Male Connector	Housing	PA	Black
	Contact	Brass	Tin plating (Under Nickel plating)
	Metal hold down	Brass	Tin plating (Under Nickel plating)
Female Connector	Housing	PA	Black
	Contact	Copper alloy	Tin plating (Under Copper plating)
	Retainer	PA	Natural

Rated Current	5A(Mono-pole power supply) / 2A(24pos.)
Rated Voltage	250V DC
Withstanding Voltage	1000V AC for 1 minute
Insulation Resistance	100MΩ MIN. (500V DC)
Operation Temperature	-40°C to +125 °C
Durability	30 times

Specifications herein are subject to change without notice. Please contact Hirose for the latest specifications, drawings, and availabilities.