

**HRS**

# 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



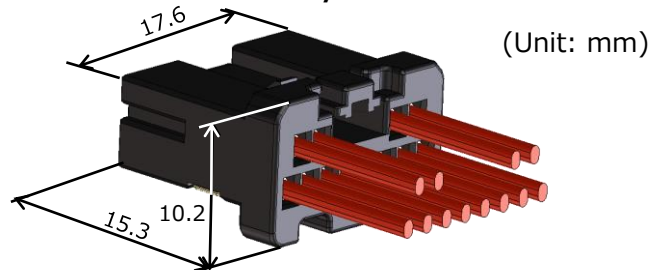
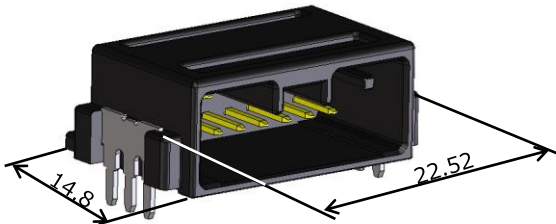
## ◆ Dimensions

&lt;Receptacle&gt;

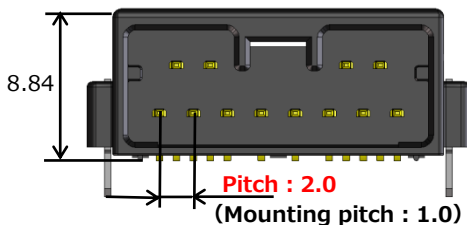
ZE05-12DP-2H

&lt;Plug&gt;

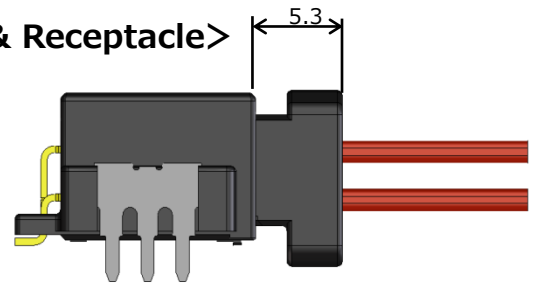
ZE05-12DS-HU/R



(Unit: mm)



&lt;Mated Plug &amp; Receptacle&gt;



## ◆ Low Profile, Small Size Design

## ◆ High Heat Resistance / High Vibration Resistance

Product from another manufacture  
Height  
Approx. 5% DOWN  
Depth  
Approx. 3% DOWN

**ZE05 Series**

Small size design contributes  
unit space saving.

① 125°C Heat Resistance

② High Vibration Resistance

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

## ◆ Specifications

	COMPONENT	MATERIAL	FINISH, REMARKS		
Male Connector	Housing	PA	Black	Rated Current	5A(Mono-pole power supply) / 2A(24pos.)
	Contact	Brass	Tin plating (Under Nickel plating)	Rated Voltage	250V DC
	Metal hold down	Brass	Tin plating (Under Nickel plating)	Withstanding Voltage	1000V AC for 1 minute
Female Connector	Housing	PA	Black	Insulation Resistance	100MΩ MIN. (500V DC)
	Contact	Copper alloy	Tin plating (Under Copper plating)	Operation Temperature	-40°C to +125 °C
	Retainer	PA	Natural	Durability	30 times

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