

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



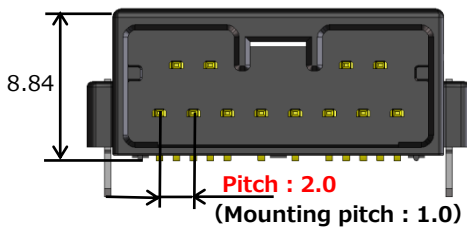
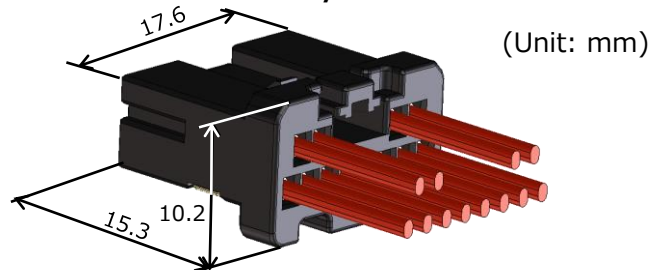
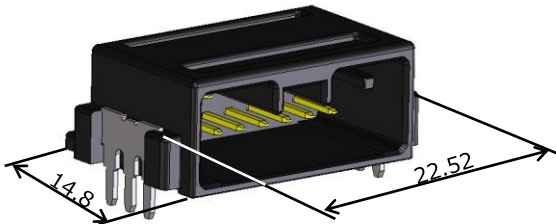
◆ Dimensions

<Receptacle>

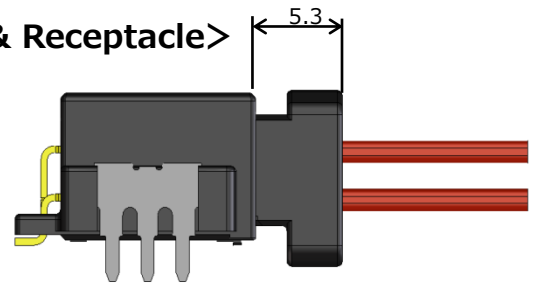
ZE05-12DP-2H

<Plug>

ZE05-12DS-HU/R



<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
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.