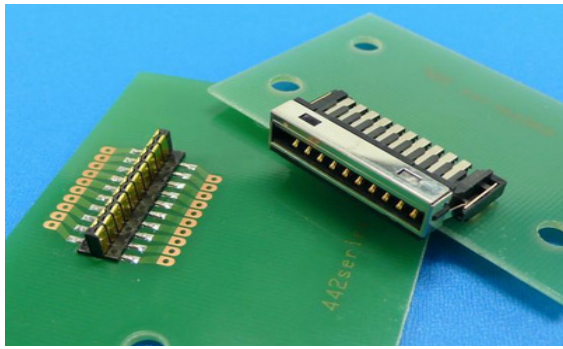


# 442 Series

For Special Application | Vertical Connector | 1.15mm Detachable Connector



## Product Feature

1. 1.15mm pitch, compact, easily-detachable, type:

2. It possesses shearing-absorbing function:

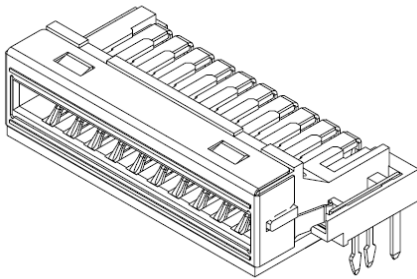
It is capable of absorbing shearing of  $\pm 0.7\text{mm}$  in the X-axis direction, or  $+1.5\text{mm}$  to  $-0.5\text{mm}$  in the insertion/extraction direction.

## Specifications

Voltage/Current rating	125V, 1.0A(AC·DC)
Insulation resistance	1,000M $\Omega$ MIN
Contact resistance	50m $\Omega$ MAX
Withstanding voltage	AC1,000V (for one minute)
Temperature range	-30°C~+85°C
Insertion force	17.6N MAX(20Pin)
Withdrawal force	3.9N MAX(20Pin)
Materials Socket	Housing: PBT, GF, UL94V-O Terminal: Phosphor bronze, Au/Sn-Cu plated
Materials Plug	Separator: PA 9T, GF, UL94V-O Terminal: Phosphor bronze, Au/Sn-Cu plated

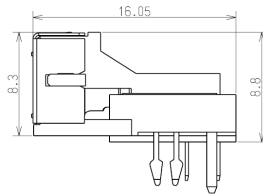
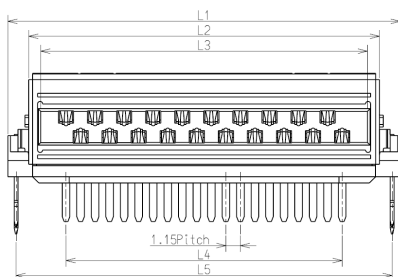
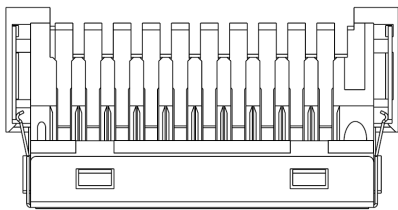
\* Please inquire Solder Iron type.

## Socket

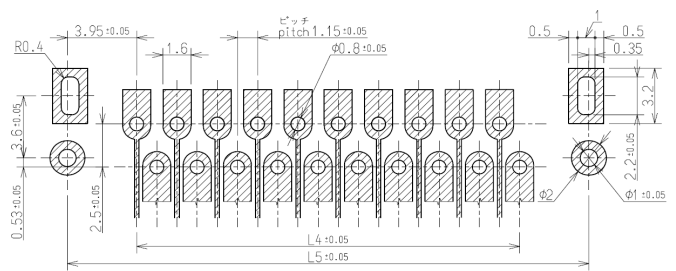


Poles	Product name	L1	L2	L3	L4	L5	Unit:mm
20	144202120K4	31.05	27.75	25.85	21.85	29.75	
24	144202124K4	35.65	32.35	30.45	26.45	34.35	

## Socket



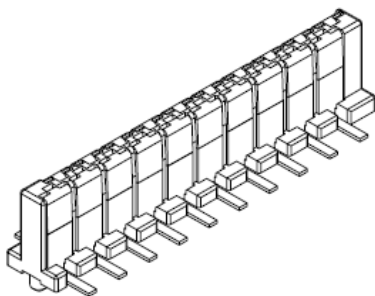
## P.W.B layout



# 442 Series

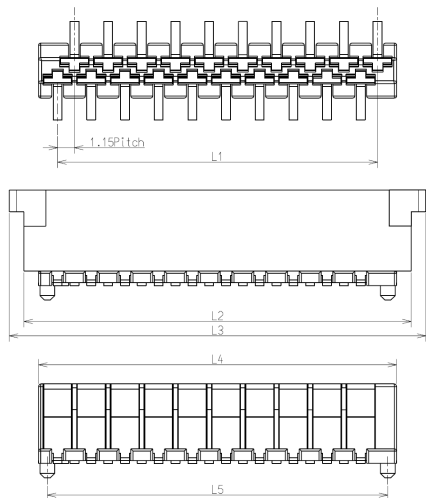
For Special Application | Vertical Connector | 1.15mm Detachable Connector

## ■ Plug

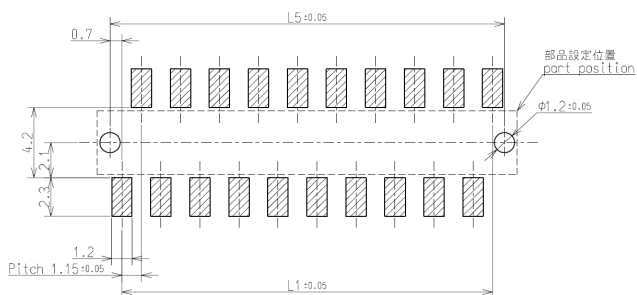


Poles	Product name	Unit:mm				
		L1	L2	L3	L4	L5
20	244203120K3	21.85	26.45	28.45	24.45	23.25
24	244203124K3	26.45	31.05	33.05	29.05	27.85

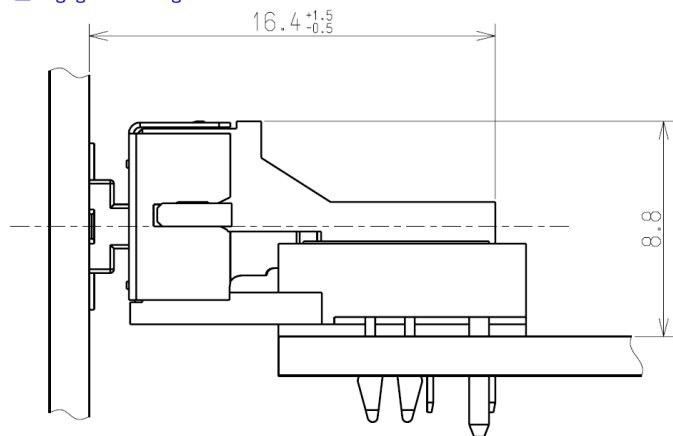
## ■ Plug



## ■ P.W.B layout



## ■ Engagement diagram



\* All the figures relative to the product information indicated herein on our website are to represent respective model ranges(or series), and may as well be treated as reference figures only.  
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