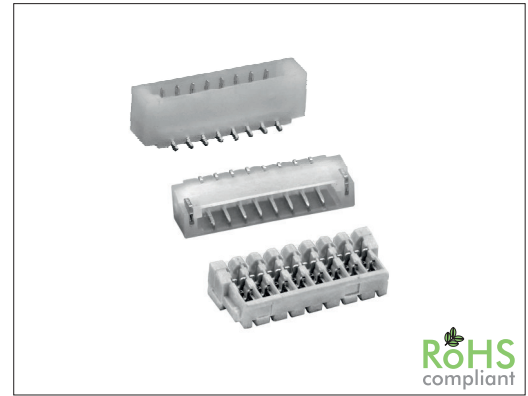


# 2081 Series

# 0.80 mm SMT Header and Housing

## General specifications

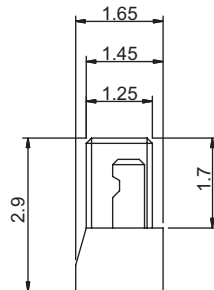
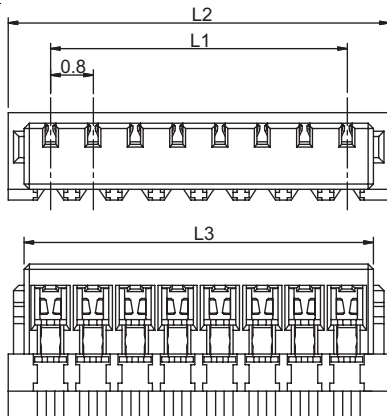
Insulator material	High temperature plastic, UL94V-0, color: nature
Contact material	Copper alloy
Current rating	0.5 A
Contact resistance	20 mΩ max.
Insulator resistance	100 MΩ min.
Dielectrical withstanding	200 VAC for 1 min
Operating temperature	-25 °C to +85 °C
Soldering	JEDEC lead free reflow soldering process
<b>Mating parts series</b>	



## Mechanical dimensions

Unit: mm

### 2081P

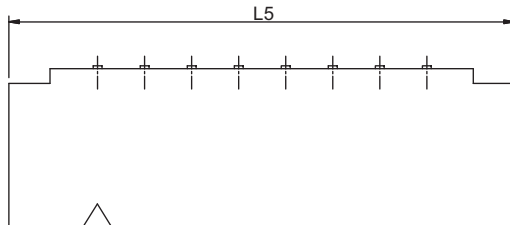


$$L1 = (\text{No. of contacts} - 1) \times 0.80$$

$$L2 = L1 + 1.6$$

$$L3 = L1 + 1.0$$

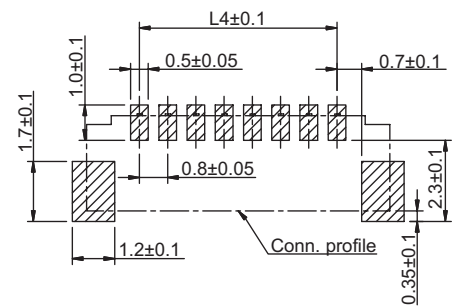
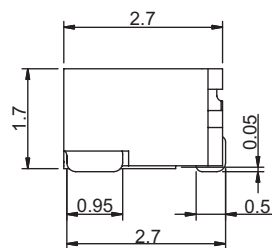
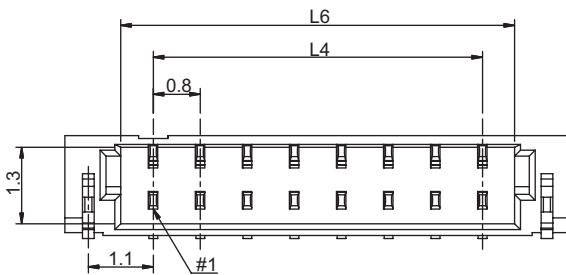
### 2081H



$$L4 = (\text{No. of contacts} - 1) \times 0.80$$

$$L5 = L4 + 3.0$$

$$L6 = L4 + 1.1$$



Recommended P.C.B. layout

Tolerances		
Linear	.X	± 0.25
	.XX	± 0.15

continued on page 2

## Part numbering guide

<b>2081 H</b>	<b>02</b>	<b>T</b>	<b>R</b>
Series H = SMT horizontal V = SMT vertical P = Housing	No. of contacts 02 to 22	Contact plating T = Tin B = Flashgold (leave blank for housing)	Packing R = Reel (leave blank for housing)

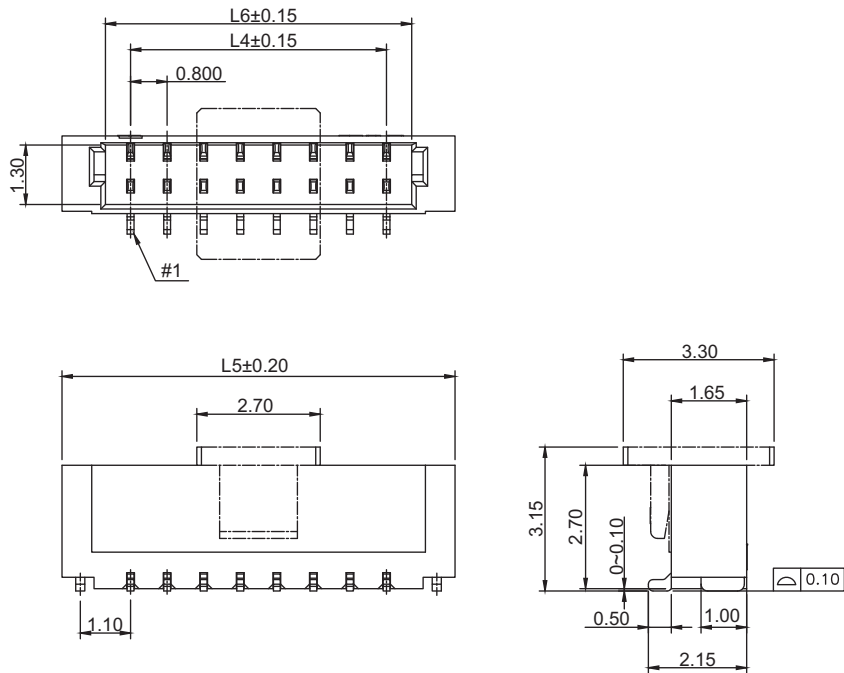
\* standard



## Mechanical dimensions

Unit: mm

### 2081V



$$L4 = (\text{No. of contacts} - 1) \times 0.80$$

$$L5 = L4 + 3.0$$

$$L6 = L4 + 1.1$$

Recommended P.C.B. layout

Tolerances		
Linear	X	± 0.25
	.XX	± 0.15

