

# 1446 Series

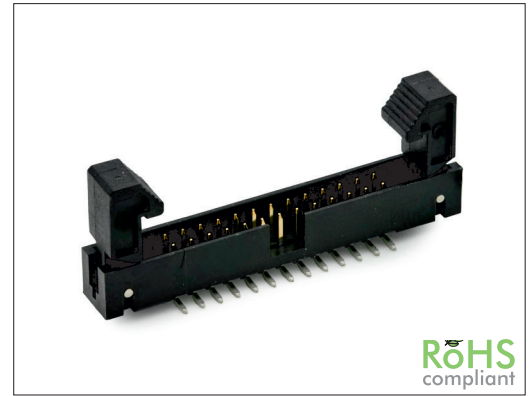
# 2.00 mm SMT Box Header w/ Latches

## General specifications

Insulator material	Nylon-6T, UL94V-0, color: black
Contact material	Brass
Current rating	2 A
Contact resistance	20 mΩ max.
Insulator resistance	5000 MΩ min.
Dielectrical withstanding	500 VAC for 1 min
Operating temperature	-40 °C to +105 °C
Soldering	JEDEC lead free reflow soldering process

## Mating parts series

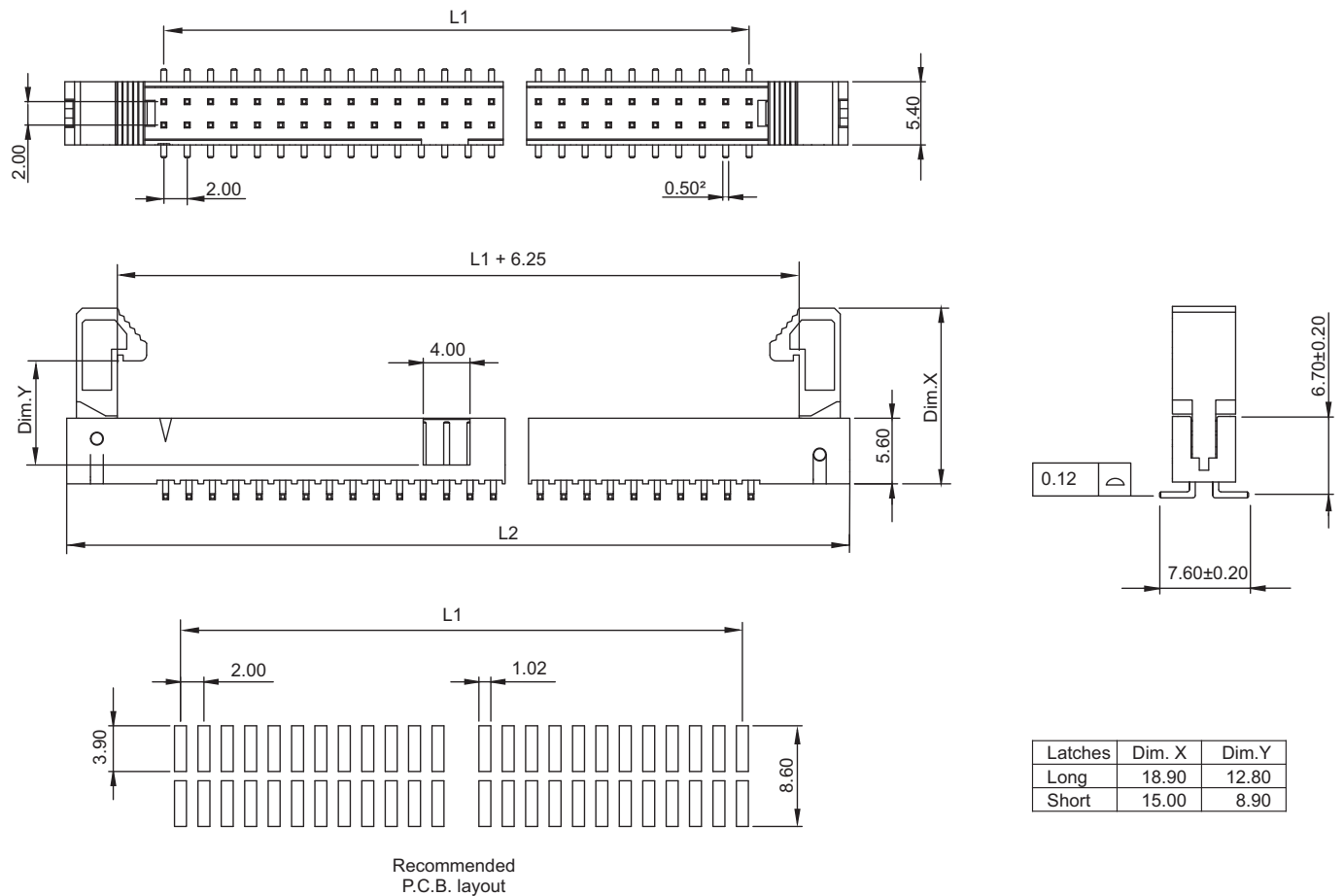
1489, 1490, CA0001 or cable assembly



RoHS compliant

## Mechanical dimensions

Unit: mm



Latches	Dim. X	Dim. Y
Long	18.90	12.80
Short	15.00	8.90

$$L1 = \left( \frac{\text{No. of contacts}}{2} - 1 \right) \times 2.00$$

$$L2 = \left( \frac{\text{No. of contacts}}{2} \right) \times 2.00 + 14.9$$

Tolerances		
Linear	X	± 0.30
	.XX	± 0.20
	.XXX	± 0.10

## Part numbering guide

1446 V	16	B	A	R
Series V = SMT vertical	No. of contacts 16 to 100	Contact plating B = Flashgold E = 10 μ" gold F = 15 μ" gold J = 30 μ" gold	Latches A = Long latches B = Short latches	Packing with pick & place pad R = Reel T = Tube Y = Tray

\* standard

