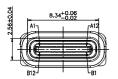


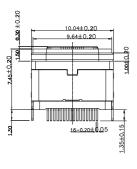
24 2434 02

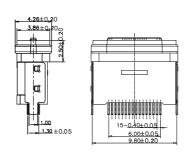
## USB and IEEE 1394 connectors

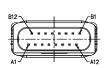


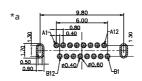
USB 3.1 chassis socket type C, 16 poles, with sealing towards mounting plate, IPx7, upright version, for printed circuit boards, through-hole-reflow technology (THR), with pick-and-place cap

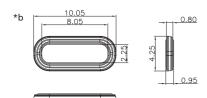


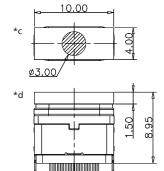












PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

### **Environmental conditions**

Temperature range -35 °C/+85 °C

### Materials

Insulating body

Contact spring

Cu alloy, tin/nickel/gold-plated

Schirmung

Housing

Cap

LCP, V-0 according to UL94

Cu alloy, tin/nickel/gold-plated

steel, nickel-plated

LCP, V-0 according to UL94

Cap LCP, V-0 according to UL94
Seal Silicone, V-0 according to UL94

## Mechanical data

Mating cycles10000Insertion force5-20 NWithdrawal force6-20 NProtection classIPx7

## Electrical data (at Tamb 20 °C)

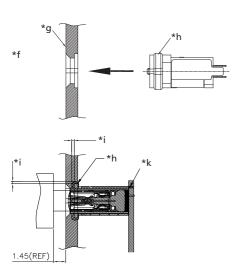
Contact resistance  $40 \text{ m}\Omega$ Rated current 3 ARated voltage 3 VRated impulse voltage 100 V/60 sInsulation resistance ≥  $100 \text{ M}\Omega$ 

### **Associated products**

Counterparts

☑ 2483 01

# 24 2434 02



- \*a printed circuit board layout, components side view
- \*b gasket ring
- \*c pick-and-place cap, with suction area
- \*d component with pick-and-place cap
- \*e pin assignment
- \*f installation situation and recommendation for sealing
- \*g chassis plate
- \*h gasket ring
- \*i recommended compression of the gasket ring 40–50 %
- \*k printed circuit board



24 2434 02

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
2434 02	16	500	500

## Packaging:

on reel