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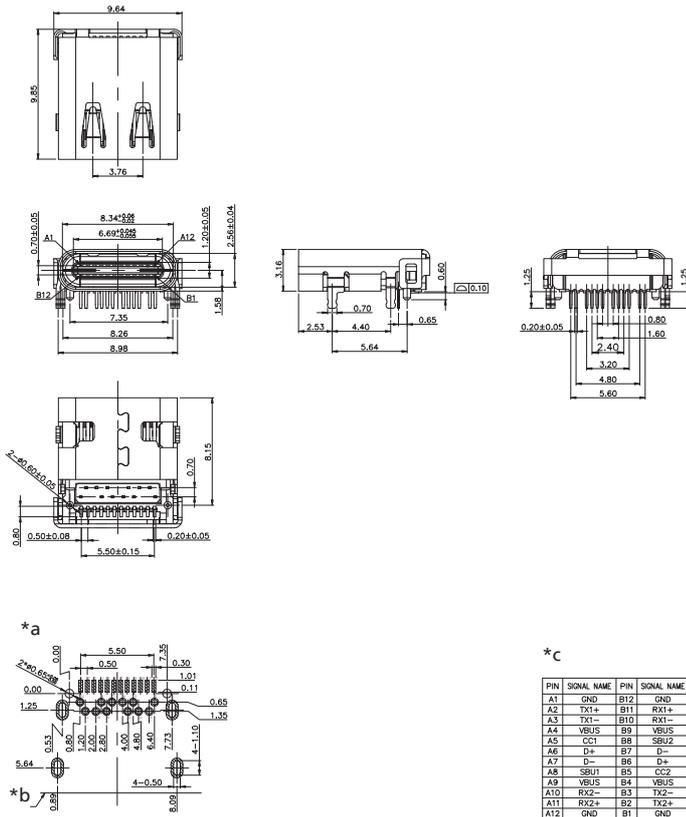
USB and IEEE 1394 connectors



USB 3.1 chassis socket type C, 24 poles, angular version,
for printed circuit boards, surface mounting technology
(SMT/THR)

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- *a printed circuit board layout, components side view
- *b printed circuit board edge
- *c pin assignment

Environmental conditions

Temperature range -25 °C/+85 °C

Materials

Insulating body LCP, V-0 according to UL94
 Contact spring Cu alloy, gold-plated
 Housing steel, nickel-plated

Mechanical data

Mating cycles 10000
 Insertion force 5–20 N
 Withdrawal force 8–20 N

Electrical data (at T_{amb} 20 °C)

Contact resistance 40 mΩ
 Rated current 5 A/1.25 A/0.25 A
 Rated voltage 5 V
 Rated impulse voltage 100 V/60 s
 Insulation resistance ≥ 100 MΩ

*c

PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

Associated products

Counterparts
 ↗ 2483 01

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
2436 02	24	600	600

Packaging:

on reel