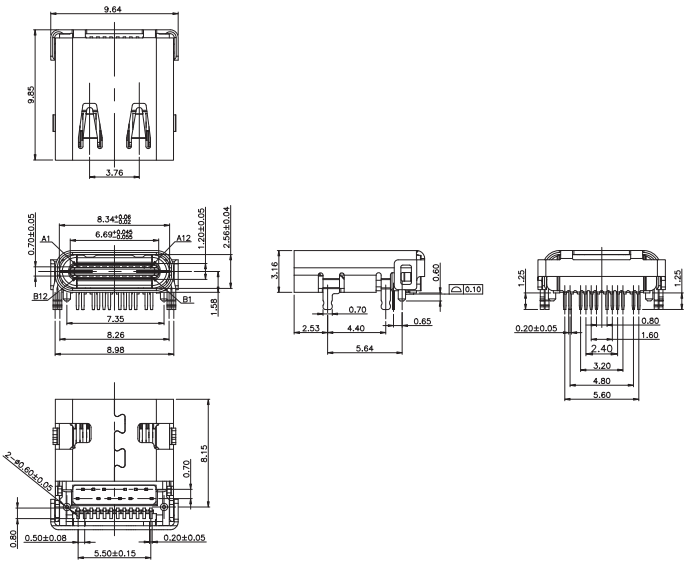
24 2436 02

USB and IEEE 1394 connectors

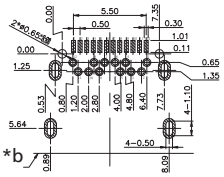


USB 3.1 chassis socket type C, 24 poles, angular version, for printed circuit boards, surface mounting technology (SMT/THR)

24 2436 02



*a



*b

*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

*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

Associated products

Counterparts
2483 01

24 2436 02

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

Packaging:
on reel