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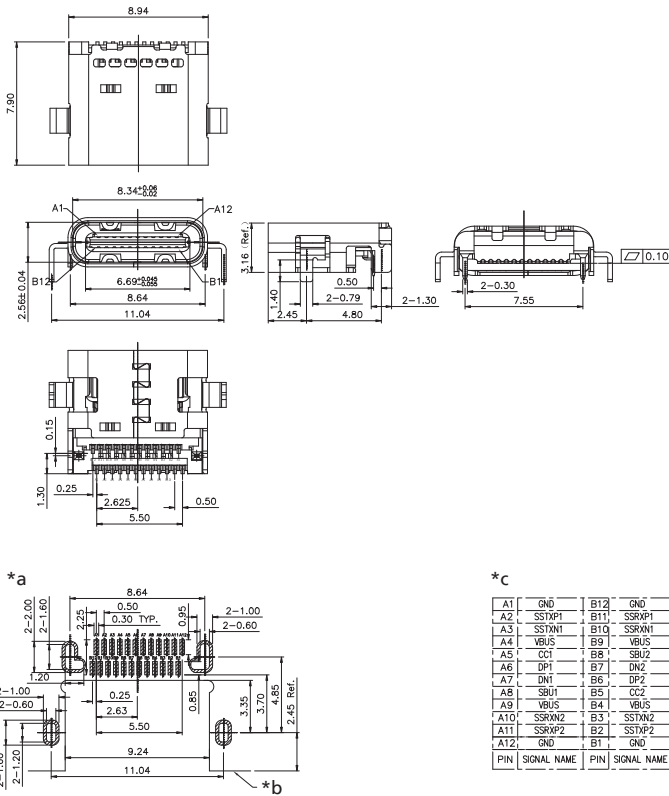
USB and IEEE 1394 connectors



USB 3.1 chassis socket type C, 24 poles, angular version,
for printed circuit boards, surface mounting technology
(SMT), for mid-mount placement

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

Environmental conditions

Temperature range -20 °C/+70/85 °C

Materials

Insulating body LCP, V-0 according to UL94
 Contact spring Cu alloy, gold-plated in mating area, pre-nickel and tin-plated in solder area
 Housing steel, nickel-plated

Mechanical data

Mating cycles 10000
 Insertion force 5–20 N
 Withdrawal force 8–20 N¹

¹ initial value

Electrical data (at T_{amb} 20 °C)

Contact resistance ≤ 40 mΩ
 Rated current 5 A/125 A/0.25 A
 Rated voltage 20 V
 Rated impulse voltage 100 V/60 s
 Insulation resistance ≥ 100 MΩ

Associated products

Counterparts
 ↗ 2483 01

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
2436 04	24	1000	1000

Packaging:

on reel