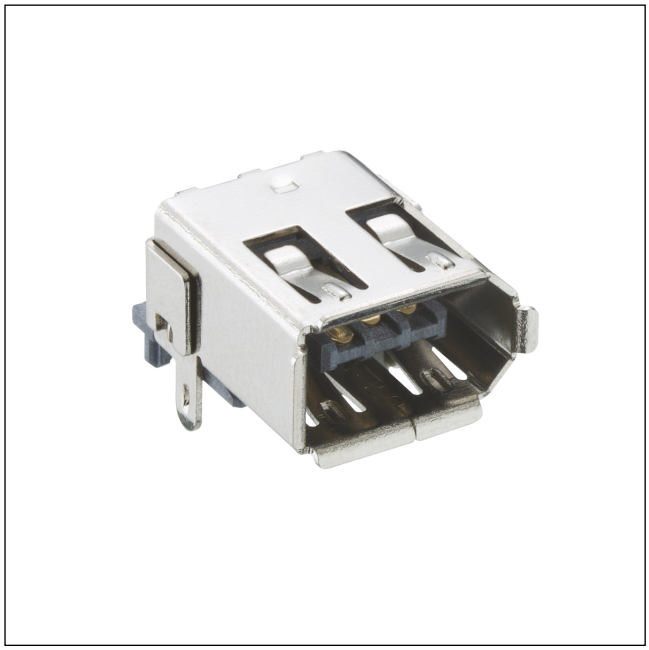
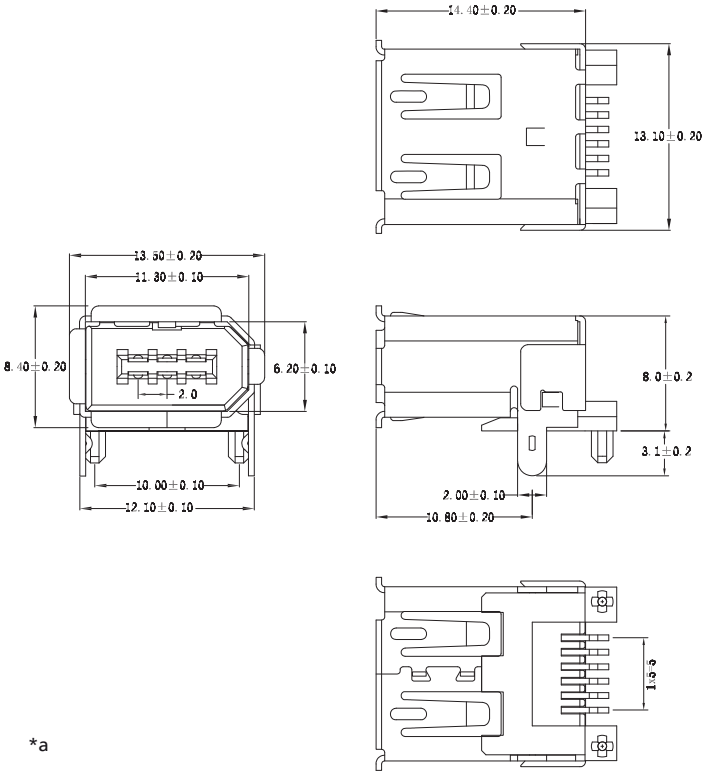
24 2417 03

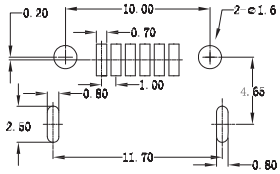
USB and IEEE 1394 connectors



IEEE 1394 socket, 6 poles, angular version, for printed circuit boards, surface mounting technology (SMT)



*a



*a printed circuit board layout

Environmental conditions

Temperature range	-55 °C/+80 °C

Materials

Insulating body	LCP, V-0 according to UL94
Contact spring	CuZn, tin and gold-plated
Housing	CuZn, nickel-plated

Mechanical data

Mating cycles	1500
Insertion force	≤ 40 N
Withdrawal force	5–40 N

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 50 mΩ
Rated current	1 A
Rated voltage	30 V DC
Rated impulse voltage	300 V/60 s
Insulation resistance	≥ 100 MΩ

Associated products

24 2417 03

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
2417 03	6	100	300

Packaging:
in a tray