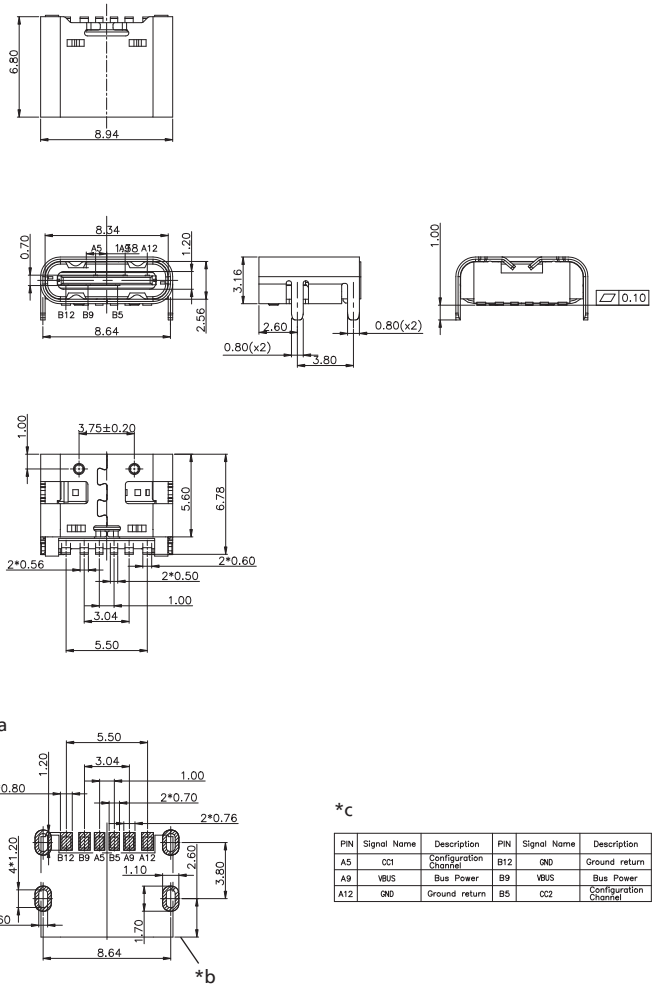
24 2402 06 SH0 01

USB connectors



USB 2.0 chassis socket type C, 6 poles, angular version, for printed circuit boards, surface mounting technology (SMT)

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*c

PIN	Signal Name	Description	PIN	Signal Name	Description
A5	CC1	Configuration Channel	B12	GND	Ground return
A9	VBUS	Bus Power	B9	VBUS	Bus Power
A12	GND	Ground return	B5	CC2	Configuration Channel

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

Environmental conditions

Temperature range	-20 °C/+60 °C

Materials

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

Mechanical data

Mating cycles	10000
Insertion force	≤ 20 N
Withdrawal force	≥ 8 N

Electrical data (at T_{amb} 20 °C)

Contact resistance	40 mΩ
Rated current	3 A
Rated voltage	20 V
Insulation resistance	≥ 100 MΩ

Associated products

Counterparts
2483 01

24 2402 06 SH0 01

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
2402 06 SH0 01 V200VP12	6	1000	1000

Packaging:
on reel