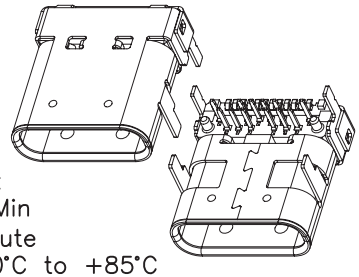
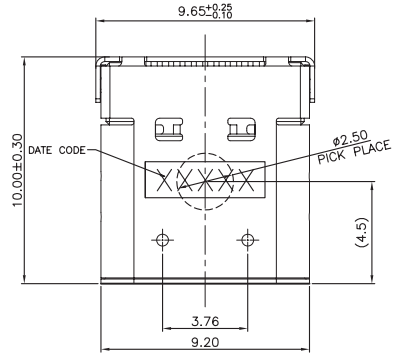
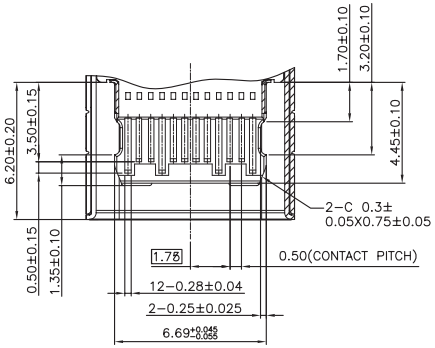


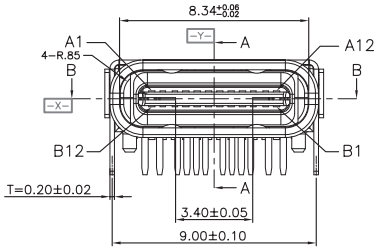
Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTXp1	Second	B11	SSRXp1	Second
A3	SSTXn1	Second	B10	SSRXn1	Second
A4	V_{BUS}	First	B9	V_{BUS}	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V_{BUS}	First	B4	V_{BUS}	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSRXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL		GND	SHELL		GND

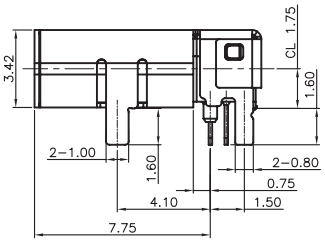
Specifications:
Current Rating:5.0A AC,DC
Voltage Rating:100V AC,DC
Contact Resistance:40M Ohm Max
Insulation Resistance:100M Ohm Min
Withstanding Voltage:100V AC/Minute
Operating Temperature Range:−40°C to +85°C
Mechanical:
Mating Force:5~20N Max
Unmating Force:8~20N Min
Durability:10000 cycles Min
Materials:
Insulator:High Temp.Plastic (LCP UL94V−0)
Contact:Brass
Contact Plating:Gold Plated on Contact Area,
Matte−Tin Plated on Solder Tail.
Shell:Stainless Nickel 50u" Plated

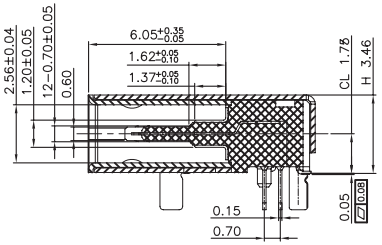




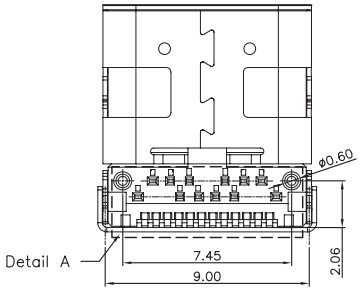
SECTION B−B

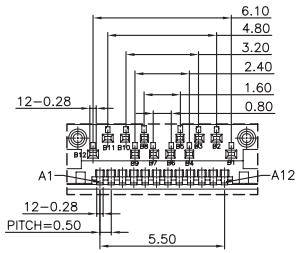


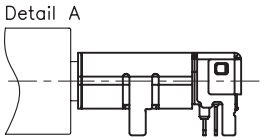


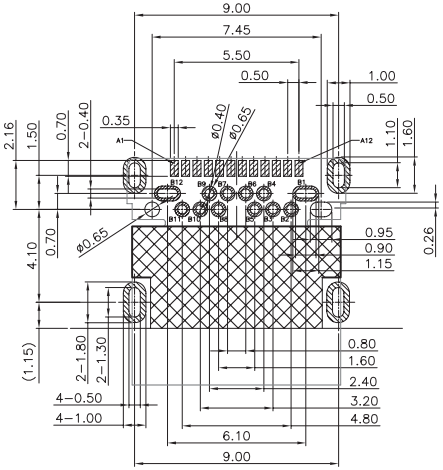


SECTION A−A









RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

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Date	2024 / 02 / 22
Unit	mm
Projection	sketch
Rev	A

Title: USB 5 Gbps USB Type-C™ Buchse 24 Pin SMD Steckverbinder zur Lötmontage

Item no. 66805

File No.