

USB Connectors USB 3.1 Sockets Type C

SMT, Shell DIP vertical



SPECIFICATION:

Operating Current (Max.):	5 A VBUS pin
Operating Current (Max.):	0.25 A other pins
Operating Temperature:	-55°C to 85°C
Insulation Resistance (Min.):	100 MΩ
Contact Resistance (Max.):	40 mΩ
Dielectric Strength:	100 Vac
Insertion Force (Max.):	20 N
Extraction Force:	20 N
Operating Life in Mating Cycles (Min.):	10000

MATERIAL:

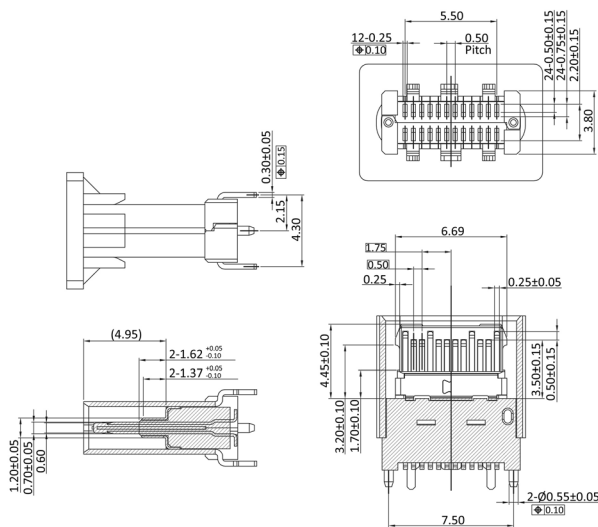
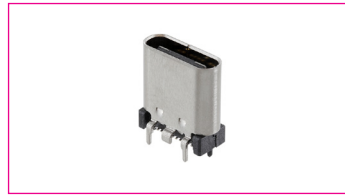
Material (Terminal):	copper alloy, tin plated
Material (Housing):	steel, nickel plated
Material (Insulation):	thermoplastic
Flammability Class:	UL 94 V-0
Material (Contact Area):	copper alloy, gold plated

HANDLING:

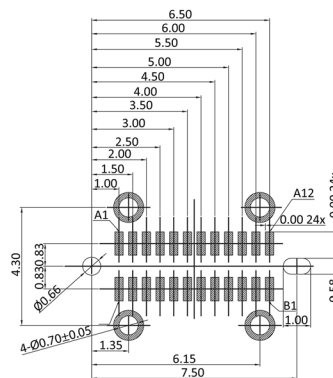
Packaging:	taped
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TOLERANCE:

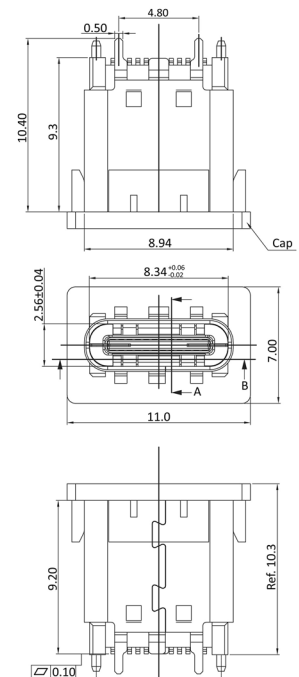
.X:	± 0.25
.XX:	± 0.20



A	B
1 GND	12 GND
2 SSTxp1	11 SSRxp1
3 SSTxn1	10 SSRxn1
4 VBUS	9 VBUS
5 CC1	8 CC1
6 Dp1	7 Op1
7 Dn1	6 Dn1
8 RFU1	5 RFU1
9 VBUS	4 VBUS
10 SSRxn2	3 SSRxn2
11 SSRxp2	2 SSRxp2
12 GND	1 GND



Recommended PCB Layout (T: 1.00 mm)



Order Information

Identifier:	Contact Plating:	Version:
U31BU1C	G	V
USB 3.1 Socket Type C	gold plated	vertical