

Operation: 沉板式 (沉深 2.0mm) D+S 结构 & 3.1Type-C 连接器 (24PIN)



ITEM NO.: MC-313C-20 (Consumer Electronics)

(L10.3×W9.15×H 3.65 & DUL SMT LOW PCB TYPE)

3.1 Type-C CONNECTORS



Technical parameter

外焊沉板 DIP+SMT

側向導入 LATERAL

精密部品 NICETY

可靠 STABILIZE

環保材質 RoHS

PROJECT

LEVEL

A[better product]

B[average product]

Electrical
PropertiesContact Rating
Initial Contact Resistance
Insulation Resistance
Withstand Voltage
There No Load
Rated Load

Durable Performance

Storage Temp

5A, 24V DC

30mΩ max.

50mΩ max.

100MΩ min.500V DC Skey/DP: 100MΩ min.300V DC

500V AC for 1 minute

350 V AC for 1 minut

6,500 Cycles

5,500 Cycles

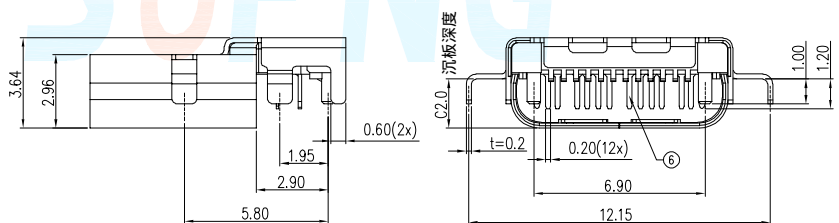
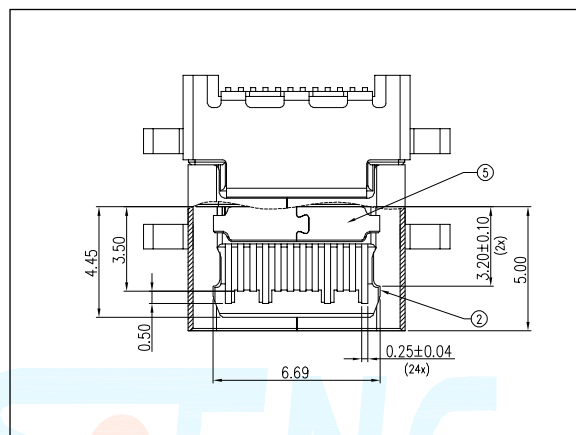
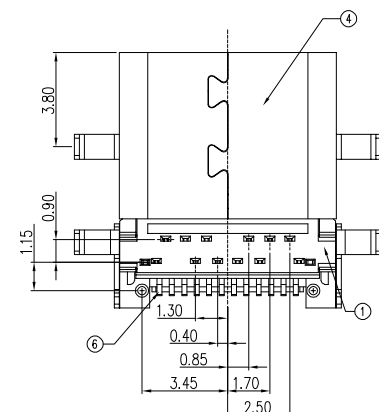
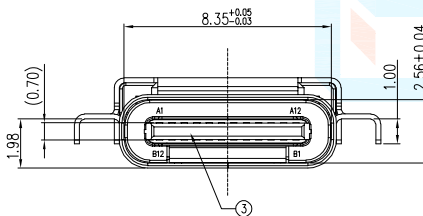
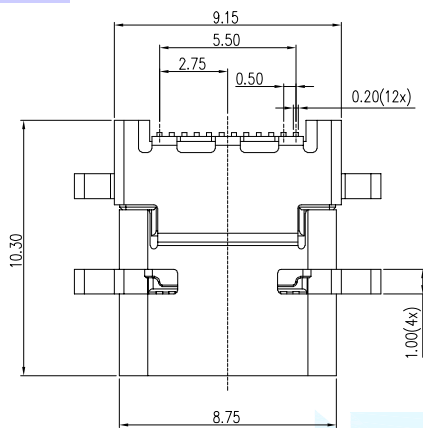
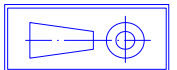
5,500 Cycles

4,500 Cycles

25°C/50%RH (Operating temperature: -35°C~+75°C)

Page1

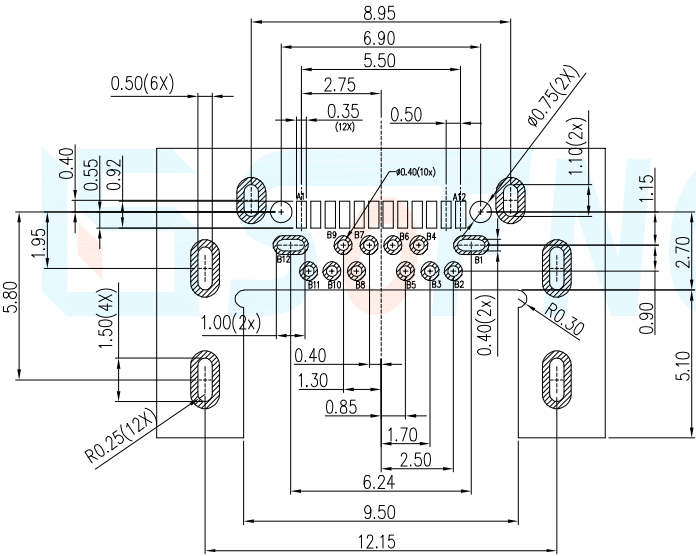
Unit:mm



Material declaration

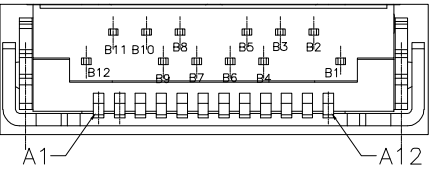
No	NAME	MATERIAL	REMARKS
①	TERMINAL HOUSING 基座	HIGH TEMPERATURE PLASTIC	BLACK/NATURE/GREEN
②	SPRING 弹片	STAINLESS【G/F】t=0.10	0.25 μ m Ni PLATED OVERALL;
③	IRON HOUSING 胶芯	HIGH TEMPERATURE PLASTIC	UL 94V-0,COLOR:BLACK;
④	SHELL 外壳	STAINLESS【G/F】t=0.30	Ni PLATED
⑤	DUST COVER 防护盖	HIGH TEMPERATURE PLASTIC	UL 94V-0,COLOR:BLACK;
⑥	CONTACT 接触端子	COPPER ALLOY【G/F】t=0.15	C5191R-H (1u" MIN)

Operating Force	Inward	8. 0~20. 0N. (1N.=100gram-force)	Solder-ability (Max.)	IR Reflow:255℃, 5sec.	Manual :350℃, 3sec.
	Exiting	8. 0~20. 0N. (1N.=100gram-force)			



DECIMALS	ANGLES
.X :±0.25	X.° :±1.5°
.XX :±0.15	X.X° :±1.0°
.XXX :±0.10	.XXX° :±0.5°

PIN ASSIGNMENTS



PIN	Signal NAME	Description	PIN	Signal NAME	Description
A 1	GND	Ground return	B12	GND	Ground return
A 2	SSTXp1	Positive half of firs SuperSpeed TX differential pair	B11	SSRXp1	Positive half of second SuperSpeed RX differential pair
A 3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of second SuperSpeed RX differential pair
A 4	V BUS	Bus Power	B 9	V BUS	Bus Power
A 5	CC1	Configuration Channel	B 8	SBU2	Sideband Use (SBU)
A 6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B 7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A 7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B 6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A 8	SBU1	Sideband Use (SBU)	B 5	CC2	Configuration Channel
A 9	V BUS	Bus Power	B 4	V BUS	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B 3	SSTXn2	Negative half of first SuperSpeed TX differential pair2
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B 2	SSTXp2	Positive half of firs SuperSpeed TX differential pair2
A12	GND	Ground return	B 1	GND	Ground return

注記 NOTICE

- 碩方公司擁有最終解釋權; The SOFNG company reserves the right of final interpretation;
- 文件禁止外洩、轉載; Leaked and reproduced prohibited;
- 未經授權修改無效。Modify is invalid.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [USB Connectors](#) category:

Click to view products by [SOFNG](#) manufacturer:

Other Similar products are found below :

[950](#) [A-USB A-LP-SMT-C](#) [A-USB B-TOP-C](#) [MUSBD11135](#) [17-200721](#) [217450-1](#) [KMBVX-TH-5S-B30](#) [KUSBX-AS2N-W](#) [KUSBX-SMT2AP1S-B30](#) [KUSBX-SMT2AP1S-W30](#) [935](#) [30-498-6](#) [SK-60A-2](#) [30-489](#) [30-541](#) [A-USB A-2P-C](#) [MIKROE-1451](#) [1-1734084-2](#) [10135326-001LF](#) [USB3FTV7APEG](#) [4198](#) [17-200011](#) [1040870124](#) [2274475-3](#) [914-614A2025S10200](#) [MUSBR-AHD2-M41-SK](#) [GSB3116344HR](#) [GSB343K331HR](#) [USB3FTV2SAZNF459](#) [USBF21GSCC](#) [U221-041N-1WVS62-F5D](#) [HYCW153-USBD05-500B](#) [HYCW219-USBD05-075B](#) [HYCW148-USBD05-117B](#) [HYCW149-USBD05-740B](#) [HYCW204-USBD05-108B](#) [HYCW214-USBA04-113B](#) [HYCW213-USBA04-113B](#) [KMMX-BSMT35S-1-B30TR](#) [GT-2A001F-CGNG1](#) [GT-USB-7010ES01](#) [GT-USB-7010i](#) [HC-ST-003-07-J](#) [918-418K2022Y40028](#) [920-462A2021Y10104](#) [AF 90° WJDG ZB](#) [TYPE-C 6P LCH10.5](#) [MICRO 7.2ZB5.0](#) [AM 180°](#) [MINI 5PTP-GZ](#)