

CONNECTORS

Operation: SMT/卧贴式 16PIN 带弹片加强型结构 Type-C(2.0)连接器

TID认证



ITEM NO.: MC-311DY (Series)

(L7.75 × W8.94mm × H3.2mm TYPEC-CONNECTORS)



邀您使用(微信)小程序
硕方电子开关&连接器选型手册
手机扫码即可进入...

Technical parameter

表面 SMT+DIP

PROJECT	LEVEL	A[better product]	B[average product]
	Contact Rating	5.0A, 12V DC	
Electrical Properties	Initial Contact Resistance	30mΩ max.	50mΩ max.
	Insulation Resistance	100MΩ min.500V DC	Skey/PD: 100MΩ min.300V DC
	Withstand Voltage	500V AC for 1 minute	350 V AC for 1 minut
Durable Performance	There No Load	10,000 Cycles	8,000 Cycles
	Rated Load	8,500 Cycles	6,500 Cycles
	Storage temp.	-35℃~+75℃(Operating Temp:)	

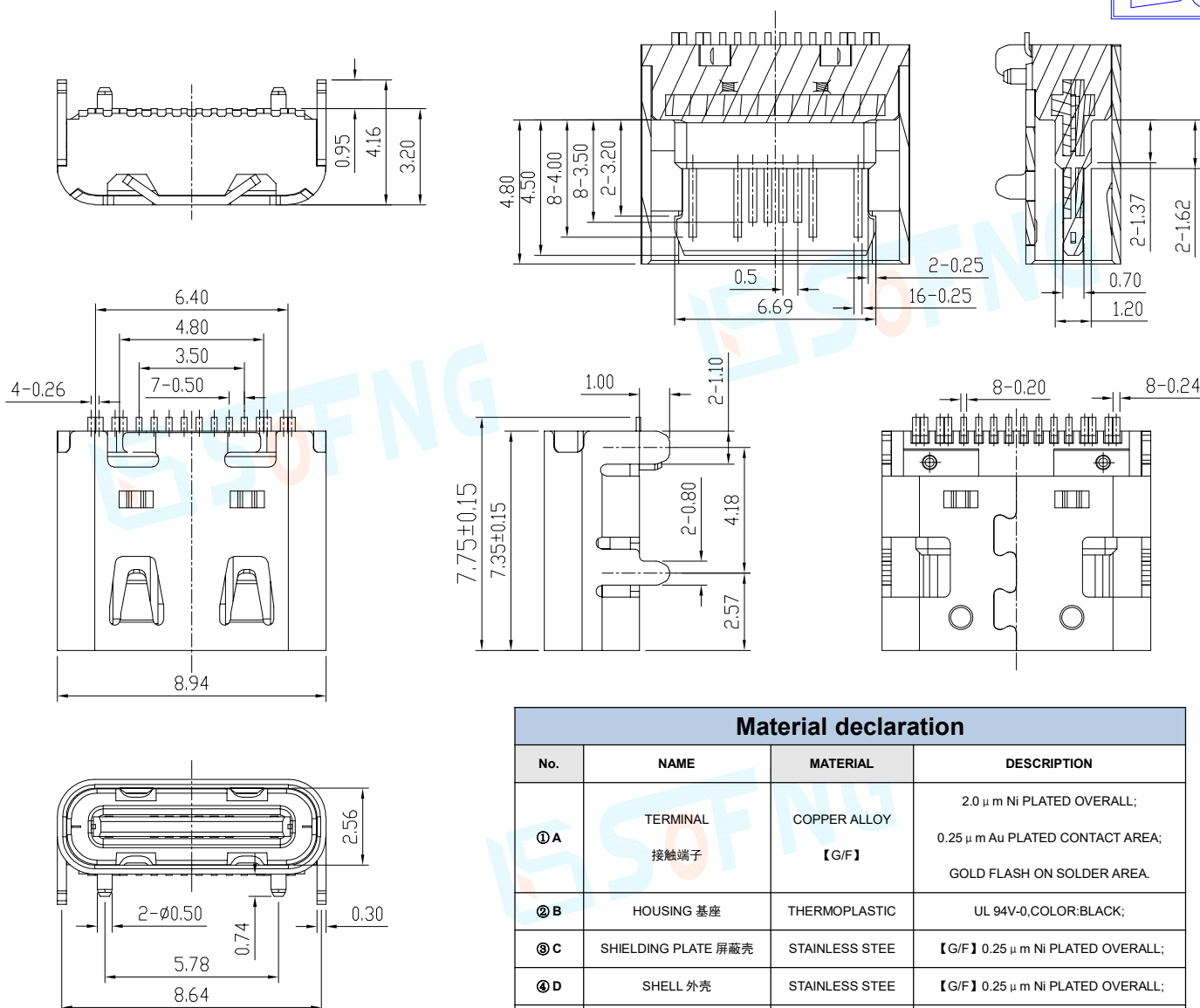
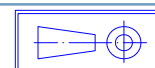
側向導入 LATERAL

精密部品 NICETY

可靠 STABILIZE

適合環保 RoHS

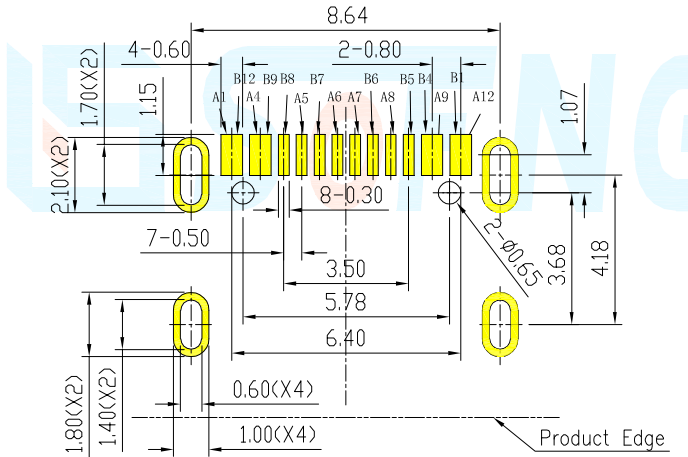
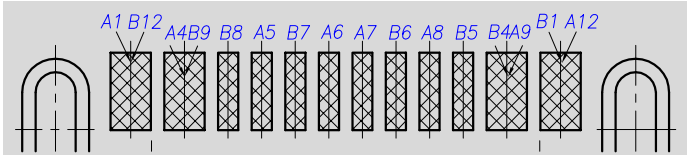
Unit:mm



Material declaration

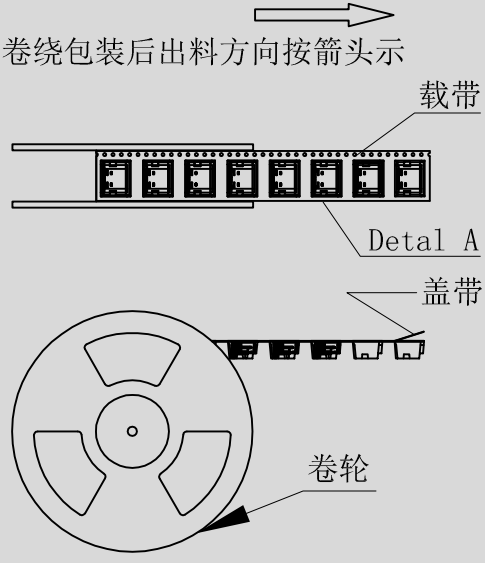
No.	NAME	MATERIAL	DESCRIPTION
① A	TERMINAL 接触端子	COPPER ALLOY 【G/F】	2.0 μm Ni PLATED OVERALL; 0.25 μm Au PLATED CONTACT AREA; GOLD FLASH ON SOLDER AREA.
② B	HOUSING 基座	THERMOPLASTIC	UL 94V-0,COLOR:BLACK;
③ C	SHIELDING PLATE 屏蔽壳	STAINLESS STEE	【G/F】 0.25 μm Ni PLATED OVERALL;
④ D	SHELL 外壳	STAINLESS STEE	【G/F】 0.25 μm Ni PLATED OVERALL;
⑤ E	GND RING 接地件	STAINLESS STEE	STAINLESS STEEL;

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)			



Pin Definition

PIN	Signal NAME	Description	PIN	Signal NAME	Description
A 1	GND	Ground return	B12	GND	Ground return
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
A12	GND	Ground return	B 1	GND	Ground return



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

注記 NOTICE

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