

# CONNECTORS

Operation: 16PIN-SMT 横插式 / 一体加强结构 & 2.0 Type-C 连接器

TDI 认证



LTEM NO.: MC-311S

(L7.35mm × W8.94mm × H3.20mm CONNECTORS)



## Technical parameter

表面贴装 SMT

侧向导入 LATERAL

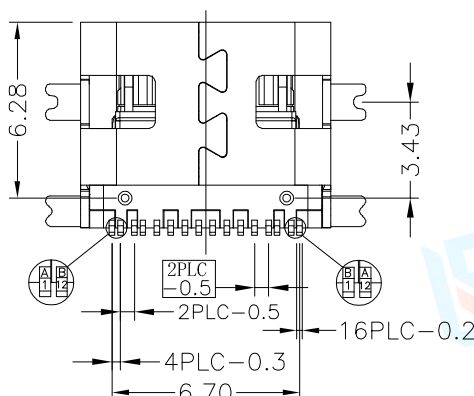
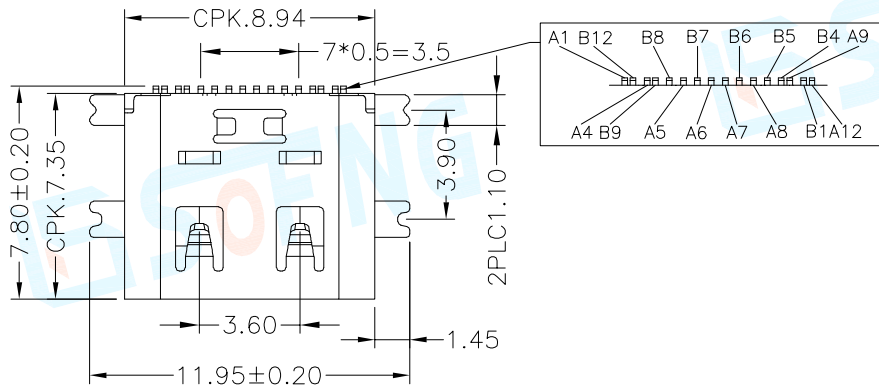
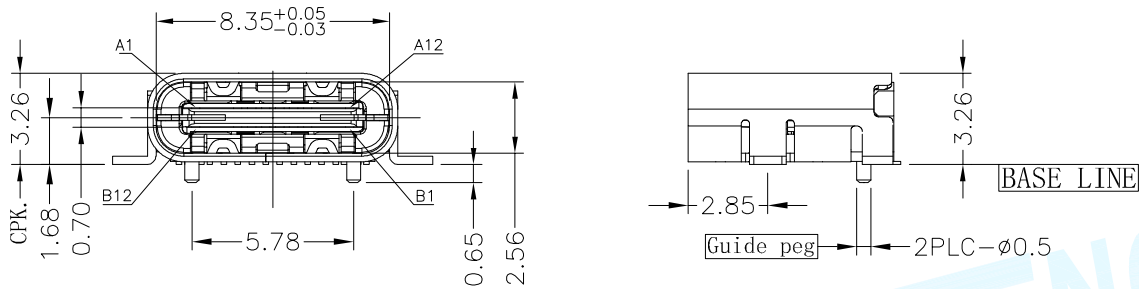
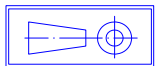
精密部品 NICETY

可靠 STABILIZE

适合环保 RoHS

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
Durable Performance	Withstand Voltage	500V AC for 1 minute	350 V AC for 1 minut
	There No Load	10,000 Cycles	8,000 Cycles
	Rated Load	8,500 Cycles	6,500 Cycles
	Storage temp.	-35℃~+75℃(Operating Temp: )	

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;

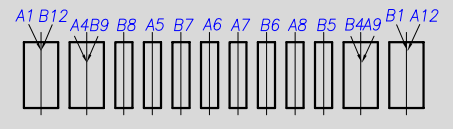
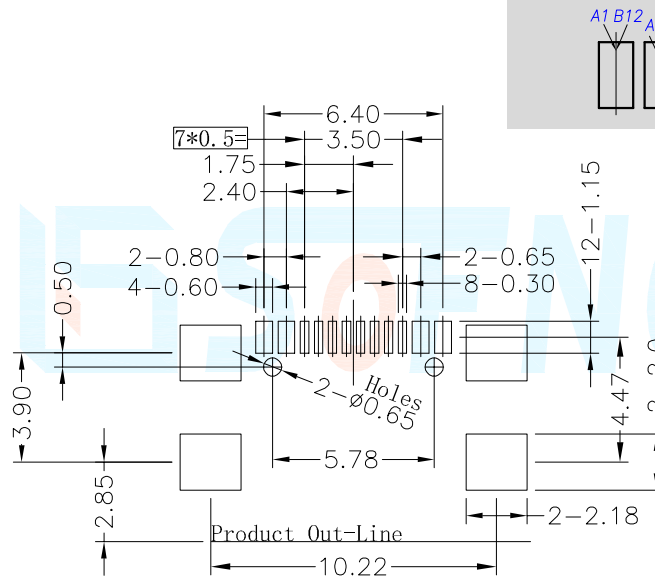
Operating Force

Inward  
Exiting

5.0~8.0N. (1N.=100gram-force)  
5.0~8.0N. (1N.=100gram-force)

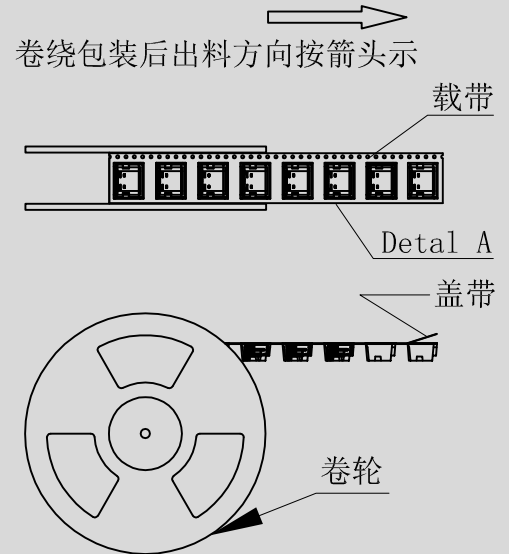
Solder-ability (Max.)

IR Reflow: 255°C, 5sec. Manual: 350°C, 3sec.

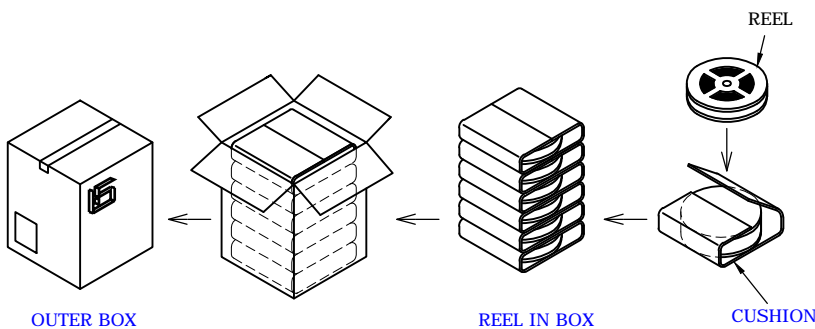


Pin Definition

PIN	Signal NAME	Description	PIN	Signal NAME	Description
A1	C1	GND	B12	C1	GND
A4	C2	VBUS	B9	C2	VBUS
A5	C4	CC1	B8	C3	SBU2
A6	C6	Dp1	B7	C5	Dn2
A7	C7	Dn1	B6	C8	Dp2
A8	C9	SBU1	B5	C10	CC2
A9	C11	VBUS	B4	C11	VBUS
A12	C12	GND	B1	C12	GND



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



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