

Operation: 24PIN-立贴式/短体一体加强结构 & 3.1 Type-C 连接器

TID认证 短体结构

LTEM NO.:MC-318FD

(L8.96mm×W3.16mm×H6.5mm 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

精密部品 NICETY

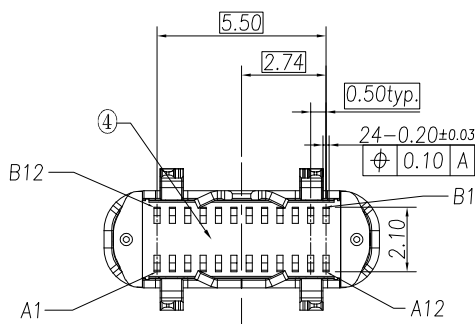
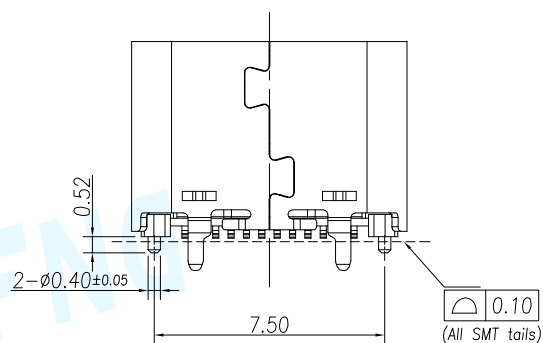
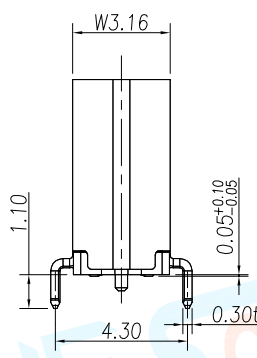
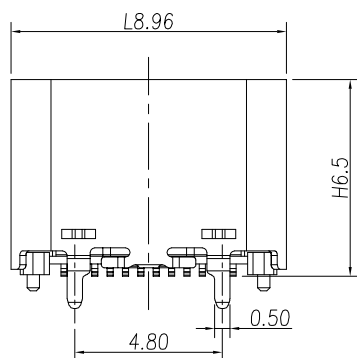
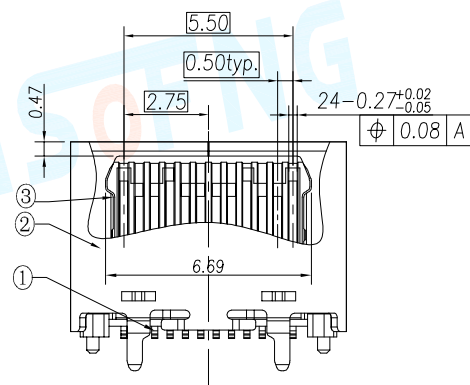
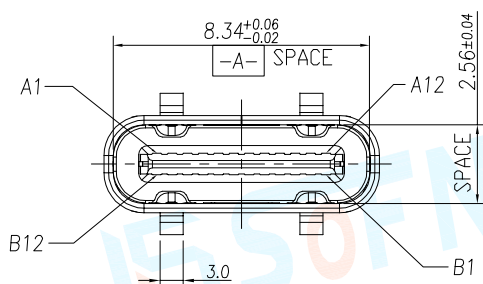
可靠 STABILIZE

適合環保 RoHS



LEVEL		A[better product]	B[average product]
PROJECT			
Electrical Properties	Contact Rating	3.0A, 12V DC	
	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:)	

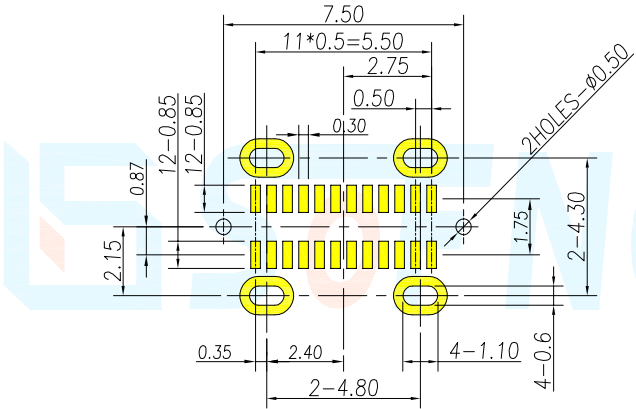
Unit:mm



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	SHELL 外壳	STAINLESS STEE	【G/F】 0.25 μm Ni PLATED OVERALL;
③ C	GND RING 接地件	STAINLESS STEE	STAINLESS STEEL;
④ D	HOUSING 基座	THERMOPLASTIC	UL 94V-0,COLOR:BLACK;

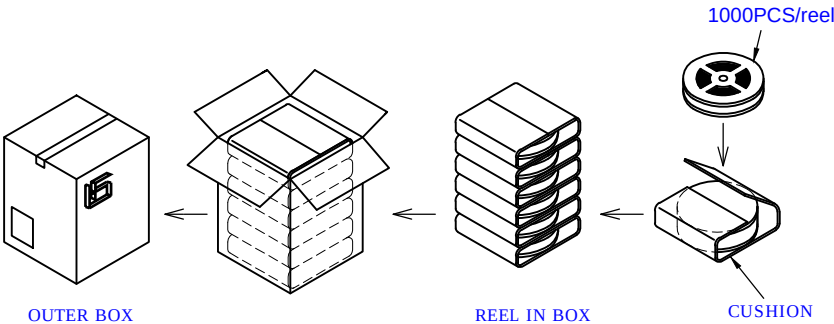
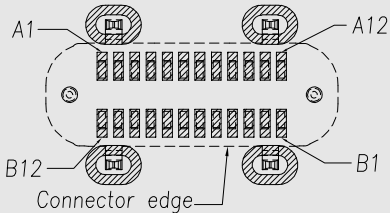
Operating Force	Inward	5.0~8.0N. (1N.=100gram-force)	Solder-ability (Max.)	IR Reflow:255℃, 5sec. Manual:350℃, 3sec.
	Exiting	5.0~8.0N. (1N.=100gram-force)		



Pin Definition

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	Negatice 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	Negatice 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

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



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