



Operation:SMT/板上立贴式 16PIN-2.0Type-C 防水型连接器

RoHS Compliant

IP-68

ITEM NO.:MC-317FS (Series)

(L12.34×W4.76×H7.85mm TYPE C-CONNECTORS)

板上贴装 SMT

正向操作 DOWN

精密部品 NICETY

可靠 STABILIZE

適合環保 RoHS

Technical parameter

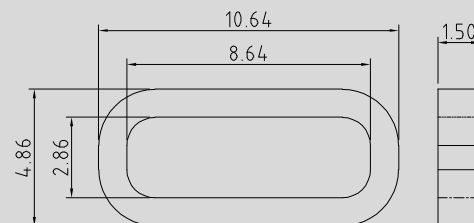
LEVEL		A[better product]		B[average product]		
PROJECT						
Properties	Contact Rating	3.0A, 100V AC				
	Electrical Initial Contact Resistance	100mΩ max.				
	Insulation Resistance	100MΩ min.500V DC	Skey/PD: 100MΩ min.300V DC			
	Withstand Voltage	500V AC for 1 minute	350 V AC for 1 minut			
	Durable Performance	There No Load	6,000 Cycles	5,000 Cycles		
		Rated Load	5,000 Cycles	4,000 Cycles		
Storage Temp		25℃/50℃RH (Operating temperature: -35℃～+75℃)				
Operating Force		IF:10.0N MAX. (EF:10.0N MIN.)				
Heat Rrsistance		IR Reflow:255℃, 5sec. Manual : 350℃, 3sec.				

Unit:mm

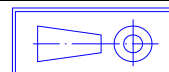
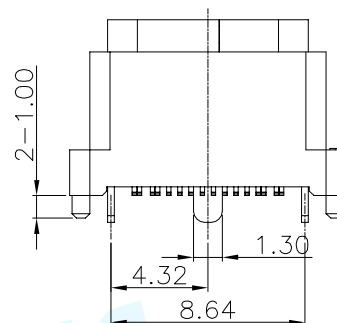
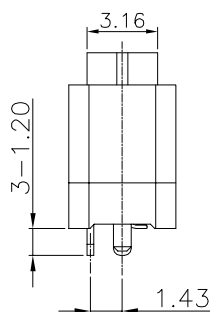
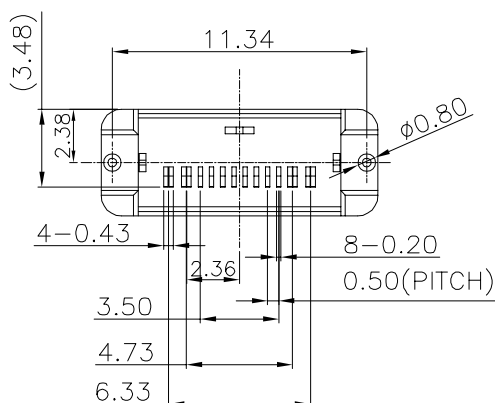
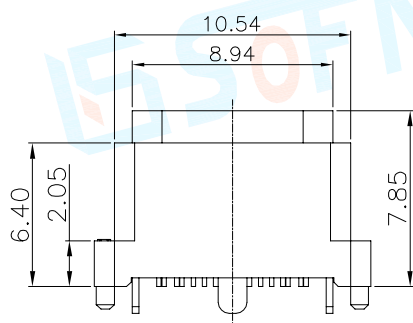
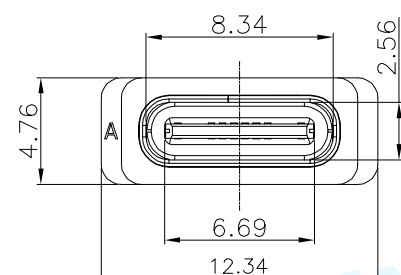
Material declaration

N o	NAME	MATERIAL	DESCRIPTION
①	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	HOUSING 基座	THERMOPLASTIC	UL 94V-0, COLOR:BLACK;
③	SHIELDING G PLATE 屏蔽壳	STAINLESS STEEL	【G/F】 0.25 μm Ni PLATED OVERALL;
④	SHELL 外壳	STAINLESS STEEL	【G/F】 0.25 μm Ni PLATED OVERALL;
⑤	GND RING 接地件	STAINLESS STEEL	STAINLESS STEEL;
⑥	GLUE WATER 低溫胶水	-	EPOXY[Black]

防水圈为1.0mm直径的圆形硅胶圈,挤压力1.0mm挤压到0.4mm~0.5mm,防水效果好



P.C.B LAYOUT



PIN	Signal NAME	PIN	Signal NAME
A 1	GND	B12	GND
A 4	V BUS	B 9	V BUS
A 5	CC1	B 8	SBU2
A 6	Dp1	B 7	Dn2
A 7	Dn1	B 6	Dp2
A 8	SBU1	B 5	CC2
A 9	V BUS	B 4	V BUS
A12	GND	B 1	GND

