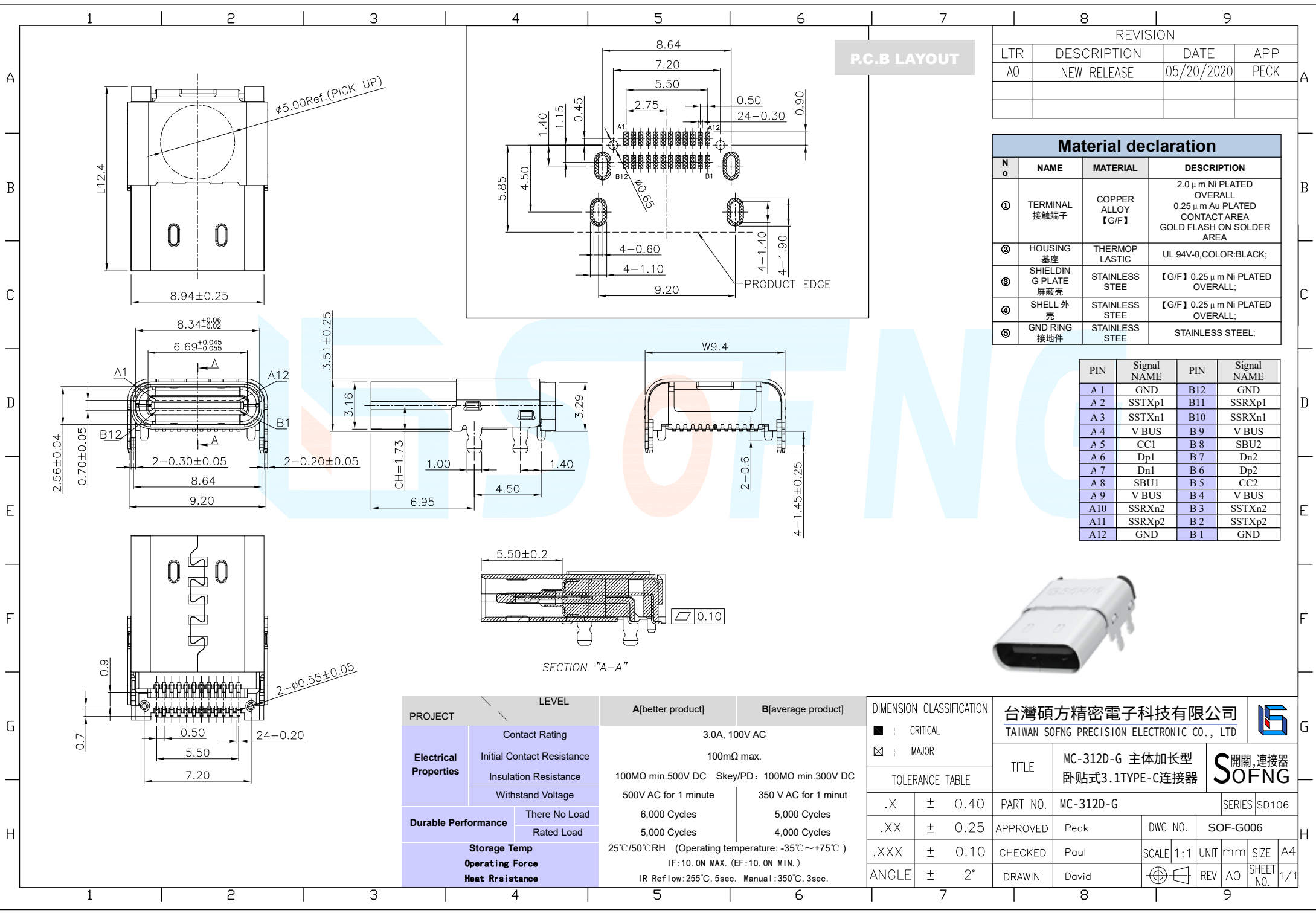




REVISION			
LTR	DESCRIPTION	DATE	APP
A0	NEW RELEASE	05/20/2020	PECK

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	THERMOP LASTIC	UL 94V-0,COLOR:BLACK;
③	SHIELDIN G PLATE 屏蔽壳	STAINLESS STEE	【G/F】 0.25 μm Ni PLATED OVERALL;
④	SHELL 外 壳	STAINLESS STEE	【G/F】 0.25 μm Ni PLATED OVERALL;
⑤	GND RING 接地件	STAINLESS STEE	STAINLESS STEEL;

PIN	Signal NAME	PIN	Signal NAME
A 1	GND	B12	GND
A 2	SSTXp1	B11	SSRXp1
A 3	SSTXn1	B10	SSRXn1
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
A10	SSRXn2	B 3	SSTXn2
A11	SSRXp2	B 2	SSTXp2
A12	GND	B 1	GND



PROJECT		LEVEL	
		A[better product]	B[average product]
Electrical Properties	Contact Rating	3.0A, 100V AC	
	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 minute
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. ON MAX. (EF:10. ON MIN.)	
Heat Rrsistance		IR Reflow:255℃,5sec. Manual:350℃,3sec.	

DIMENSION CLASSIFICATION
■ : CRITICAL
☒ : MAJOR

TOLERANCE TABLE

.X	±	0.40
.XX	±	0.25
.XXX	±	0.10
ANGLE	±	2°

台灣碩方精密電子科技有限公司
TAIWAN SOFNG PRECISION ELECTRONIC CO., LTD

TITLE MC-312D-G 主体加长型
卧贴式3.1TYPE-C连接器

PART NO. MC-312D-G SERIES SD106

APPROVED Peck DWG NO. SOF-G006
CHECKED Paul SCALE 1:1 UNIT mm SIZE A4
DRAWIN David REV AO SHEET NO. 1/1

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