

- ✓ 具有 4 根大电流Pin, 每Pin可以承受6A (USB电源输出可适用)
- ✓ 金属材质导向设计, 使嵌合作业更简单
- ✓ 一体成型生产工艺使产品结构坚固

Pin数:

范围	2 - 4 (signal) + 4 (power)
可提供	4 + 4

*如您需要了解未列出或不在范围内的Pin数, 请咨询我们。

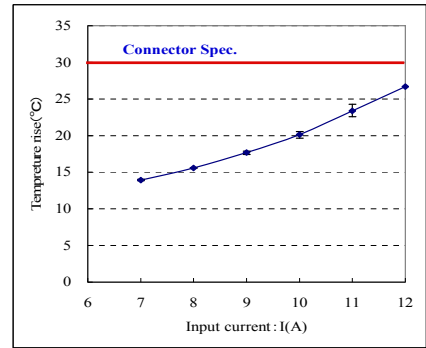
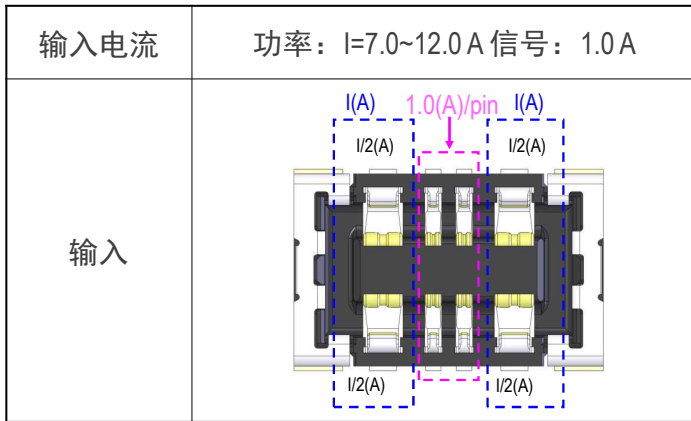
母座料号	20713-004E-0*	
公座料号	20712-004E-0*	
间距 (mm)	0.4(signal), 1.7(power)	
组合高度 (mm)	嵌合高度	0.6 +/- 0.1
	宽度公式	3.20+(0.4*p/2)
	深度	2.6
额定电流	信号 Pin	1.0A/pin
	电源Pin	6.0A/pin x 4
封装兼容性	原创	

具有4根大电流Pin, 每Pin可以承受6 A (USB电源输出可适用)

温度上升 Spec : $\Delta T=30$ degree MAX (at 12.0 A)

试验结果

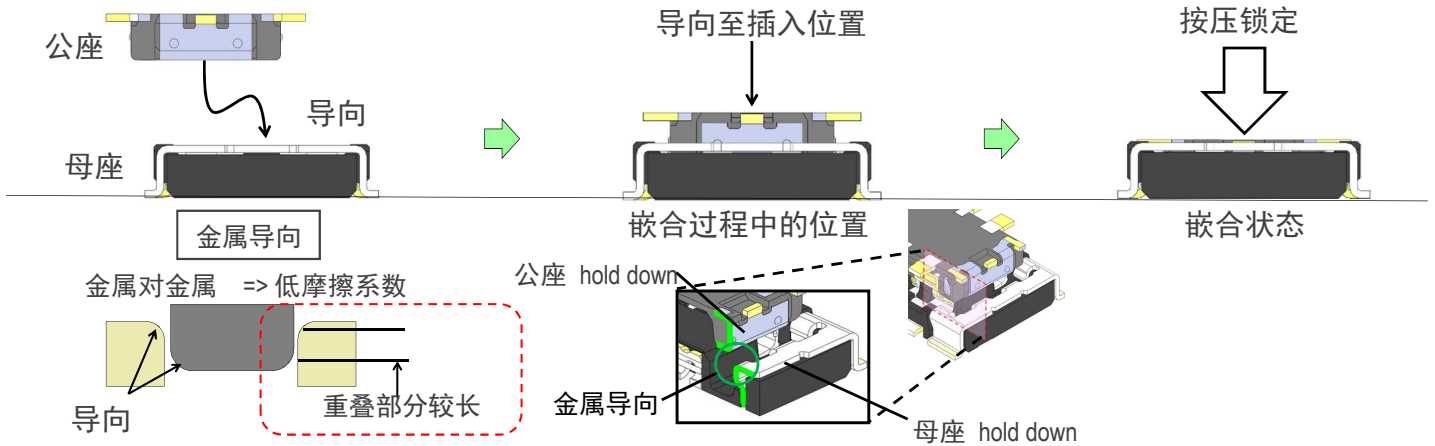
在温度上升的试验中, 最大升温为27.1摄氏度
所以规格定为承受的最大电流为12 A



金属材质导向设计, 使嵌合作业更简单

嵌合过程

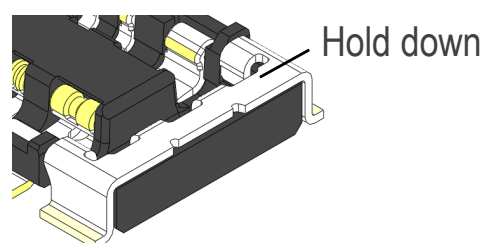
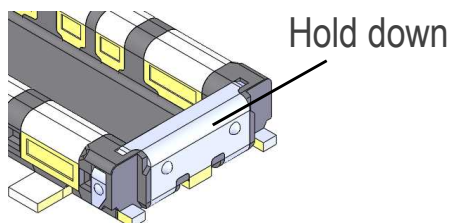
金属材料方便“导入” <=> 金属具有较低摩擦系数



一体成型生产工艺使产品结构坚固

公座

母座

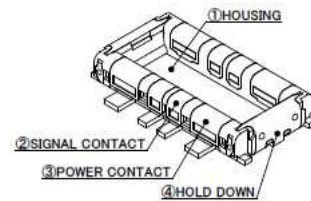
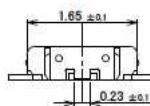
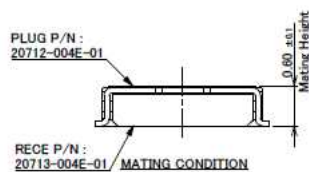
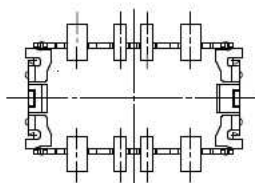
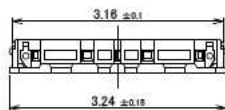
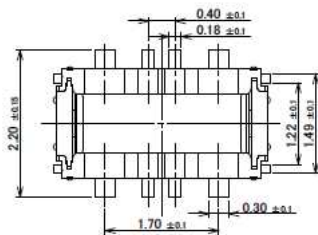


NOVASTACK[®]-B

Component Parts Detail

Plug Assembly :

Recommended P/N	20712-004E-01
PART No.	Qty/REEL
20712-004E-01	20K
20712-004E-02	5K



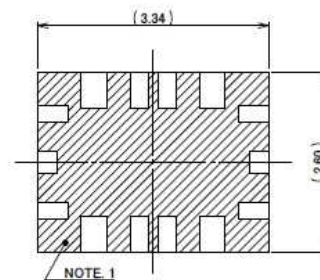
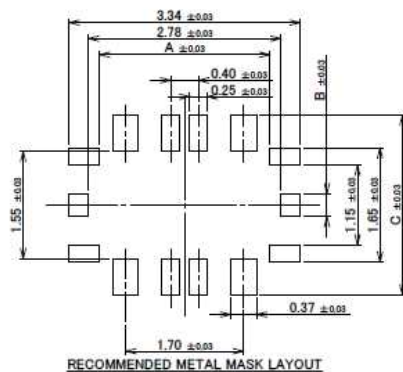
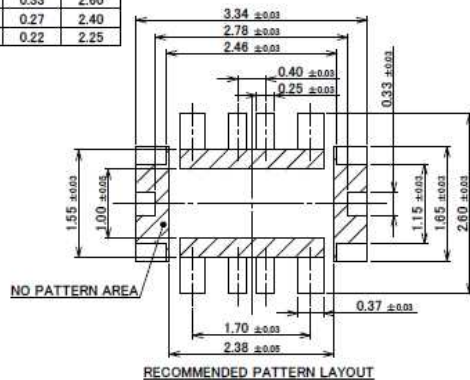
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
4	HOLD DOWN	PHOSPHOR BRONZE	ALL OVER Ni 1.27 μm MIN. SOLDERING PART Au 0.02 μm MIN.
3	POWER CONTACT	CORSON ALLOY	ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.05 μm MIN./ SOLDERING PART Au 0.02 μm MIN.
2	SIGNAL CONTACT	CORSON ALLOY	ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.05 μm MIN./ SOLDERING PART Au 0.02 μm MIN.
1	HOUSING	LCP	UL94V-0, BLACK

Plug Assembly :

ITEMS	SPECIFICATION
RATING VOLTAGE	50V AC (PER A CONTACT)
RATING AMPERAGE (FOR SIGNAL CONTACT)	1.0A AC/DC (PER A CONTACT)/ 4.0A AC/DC(TOTAL)
RATING AMPERAGE (FOR POWER CONTACT)	6.0A AC/DC (PER A CONTACT)/ 24.0A AC/DC(TOTAL)
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 40mohm MAX. / AFTER TEST : \leq 20mohm MAX.
CONTACT RESISTANCE (FOR POWER CONTACT)	INITIAL : 20mohm MAX. / AFTER TEST : \leq 20mohm MAX.
INSULATION RESISTANCE	INITIAL : 1,000Mohm MIN. / AFTER TEST : 100Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	40N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	INITIAL: 10N MIN. AFTER TEST: 7N MIN.
COPLANARITY	0.08 MAX.
PRODUCT SPECIFICATION	PRS-2284
TEST REPORT	TR-16098
PACKING STANDARD	PST-15122 (20K/REEL) PST-16056 (5K/REEL)
INSTRUCTION MANUAL	HIM-16033

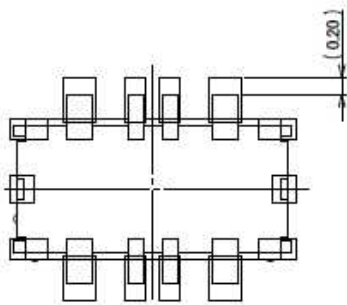
Plug Assembly :

MASK THICKNESS	A	B	C
t=0.08	2.46	0.33	2.80
t=0.1	2.63	0.27	2.40
t=0.12	2.75	0.22	2.25

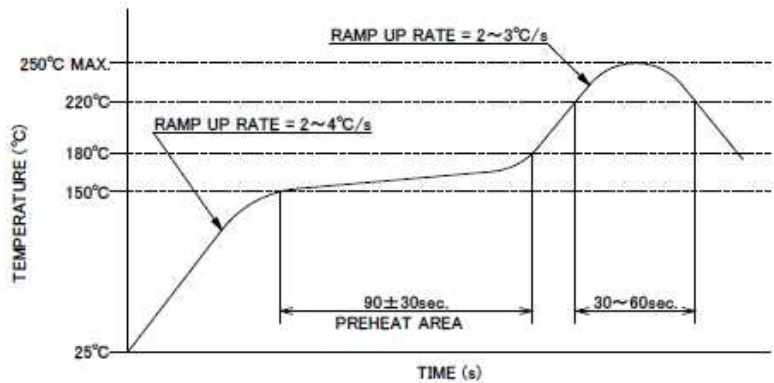


NOTES:
1. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.

Plug Assembly :



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN

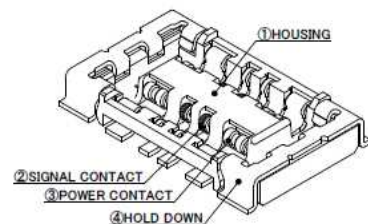
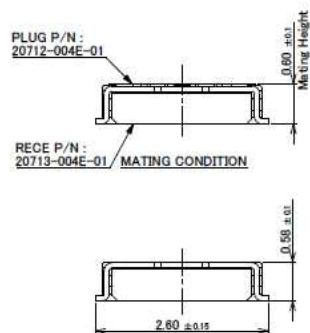
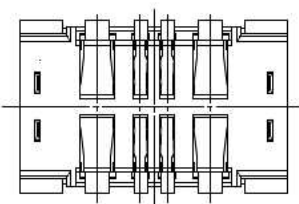
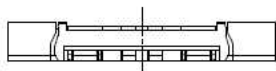
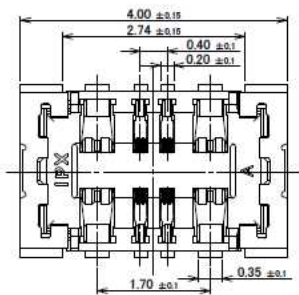


REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

OKE-DFFDE06-02 REV.11

Receptacle Assembly :

Recommended P/N	20713-004E-01
PART No.	Qty/REEL
20713-004E-01	20K
20713-004E-02	5K



4	HOLD DOWN	PHOSPHOR BRONZE	ALL OVER Ni 1.27 μm MIN. SOLDERING PART Au 0.01 μm MIN.
3	POWER CONTACT	CORSON ALLOY	ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.05 μm MIN./ SOLDERING PART Au 0.02 μm MIN.
2	SIGNAL CONTACT	CORSON ALLOY	ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.05 μm MIN./ SOLDERING PART Au 0.02 μm MIN.
1	HOUSING	LCP	UL94V-0, BLACK
NO.	DISCRPTION	MATERIAL	FINISH , REMARKS

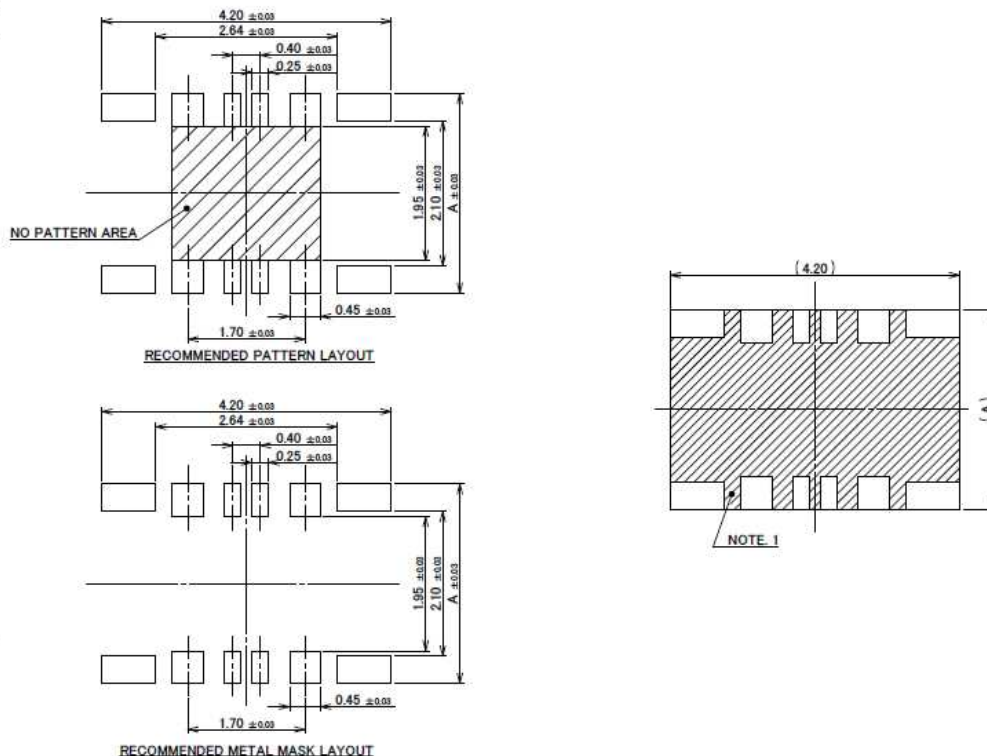
OKE-DFFDE06-02 REV.11

Receptacle Assembly :

ITEMS	SPECIFICATION
RATING VOLTAGE	50V AC (PER A CONTACT)
RATING AMPERAGE (FOR SIGNAL CONTACT)	1.0A AC/DC (PER A CONTACT)/ 4.0A AC/DC(TOTAL)
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COPLANARITY	0.08 MAX.
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TEST REPORT	TR-16098
PACKING STANDARD	PST-15123 (20K/REEL) PST-18057 (5K/REEL)
INSTRUCTION MANUAL	HIM-18033

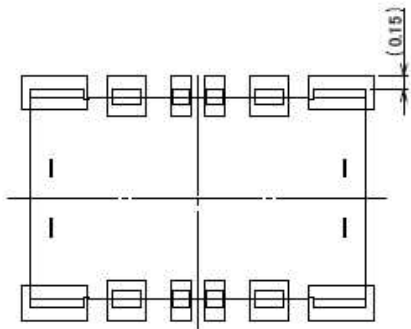
Receptacle Assembly :

MASK THICKNESS	A
t=0.08	2.90
t=0.1	2.74
t=0.12	2.64

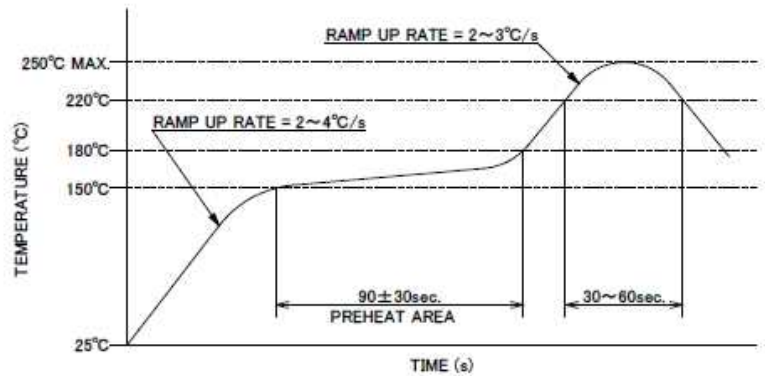


NOTES.
1. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.

Receptacle Assembly :



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

QKE-DFE06-02 REV.11

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