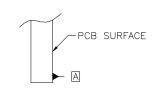


RECOMMENDED PCB LAYOUT TOLERANCE ±0.05



PIN	SIGNAL NAME	PIN	SIGNAL NAME						
A1	GND	B12	GND						
A2	SSTXp1	B11	SSRXp1						
АЗ	SSTXn1	B10	SSRXn1						
A4	VBUS	В9	VBUS						
A5	CC1	В8	SBU2						
A6	Dp1	В7	Dn2						
Α7	Dn1	В6	Dp2						
A8	SBU1	B5	CC2						
A9	VBUS	B4	VBUS						
A10	SSRXn2	В3	SSTXn2						
A11	SSRXp2	B2	SSTXp2						
A12	GND	B1	GND						

NOTES:

- 1. ELECTRICAL:
  - 1-1. CONTACT CURRENT RATING: 5.0A FOR VBUS AND GND.

(i.e., Pins A4,A9,B4,B9)

1.25A FOR Vconn AND GND.

(i.e., Pins B5,A1,A12,B1,B12) 0.25A FOR ALL THE OTHERS CONTACTS.

1-2. INSULATION RESISTANCE:

100 MEGAOHMS MIN. AT 250VDC.

1-3. DIELECTRIC WITHSTANDING VOLTAGE: 100VAC MIN.

1-4. LOW LEVEL CONTACT RESISTANCE:

INITIAL: 40mΩ MAX.; AFTER ENVIRONMENTAL TEST: MAX. CHANGE  $10m\Omega$ .

2.MECHANICAL CHARACTERISTICS:

2-1. INSERTION FORCE:

5N~20N.

2-2. EXTRACTION FORCE:

8N~20N FROM 1 TO 1000 CYCLES 6~20N FROM 1001 TO 10000 CYCLES.

2-3. DURABILITY:

10,000 MATING CYCLES.

2-4. OPERATING TEMPERATURE:

-55°C TO +85°C

- 3. CAPABLE TO 260°C REFLOW SOLDER FOR 10 SEC.
- 4. PRODUCT SPECITICATION: GS-12-1336
- 5. PACKAGE SPECITICATION: GS-14-2487

PART NUMBER SCHEME: 10137061-000 X X LF

CONTACT PLATING : 1. GOLD FLASH

PACKAGING 1. TAPE AND REEL

2. 30u" Au

mat'l. code					surface   tolerance							orojection   product family											
				<b>│</b>							5	1	USB										
ltr	ecn	no	Дr	dat	e	tolerances unless otherwise specified							クト	J	title	2							
						angl	es in	±0.3				-	ММ	-	USB 3.1 TYPE C RECEPTACLE								
						X°±	3° 🗖					scal	.e		R/A, SMT AND DIP TAILS								
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						engr KENNY TAI 2015-09-2		09-21	F	C	. ii.	10137061											
						chr	KENNY TAI		TAI			- <i> </i>			10137001							A4	
						appd	PΝ	PM ZHENG							type CUSTOMER D			Dra	wing				
she	et l	revis	sion	В	В																		
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form: A4mmXLc

Printed: Mar 2842016

PDS: Rev :B 3

STATUS:Released

## **Mouser Electronics**

**Authorized Distributor** 

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FCI / Amphenol: 10137061-00011LF