


Rev.	DESCRIPTION	DATE	APPD.
1	Change PIN material	2017 12.14	刘勇波

Features:

- 4 ~ 16 circuits available
- Housing Material: LCP UL94V-0 Black/Natural
- PIN Material: High conductivity copper alloy, Tin-plated, SQ0.64 
- Retention clip Material: Brass, Tin-plated
- Mates with ALEX 3521T Terminal/3522-xx Housing

Specification:

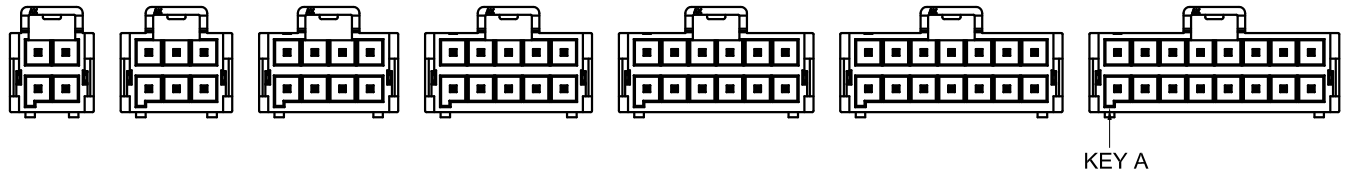
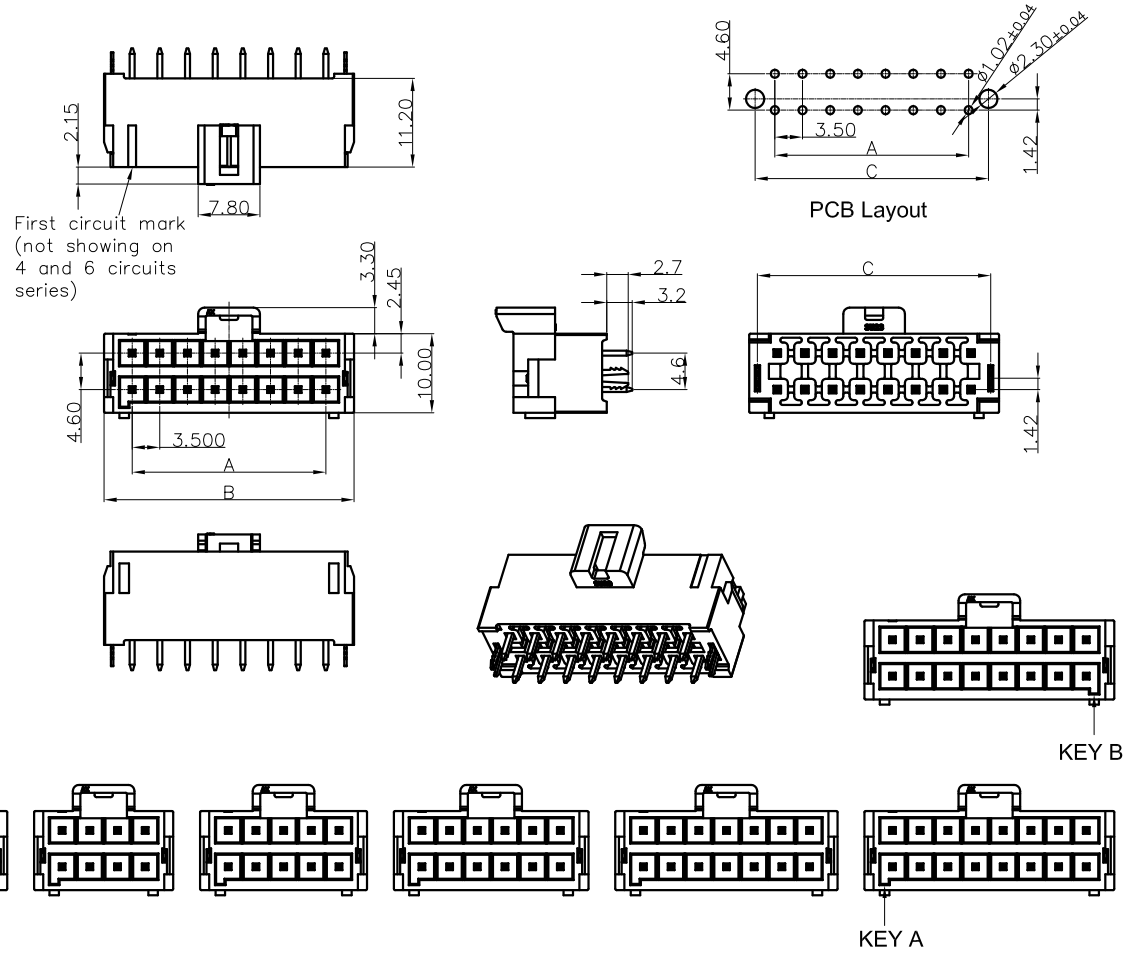
- Current rating: 14A at 16AWG
- Voltage rating: 400V AC (RMS) or 400V DC Max.
- Contact resistance: 10mΩ Max.
- Insulation resistance: 1000MΩ Min.
- Dielectric withstanding voltage: 1800V AC/minute
- Ambient temperature range: -40°C ~ 105°C

Ordering Information

Part No.	Feature	Color
3523-xxRC-A	With retention clip, KEY A	Black
3523-xxRC-B	With retention clip, KEY B	Natural

Dimensional Information ( mm )

Circuits	Dim. A	Dim. B	Dim. C
4	3.500	10.60	8.50
6	7.00	14.10	12.00
8	10.50	17.6	15.5
10	14.00	21.1	19.0
12	17.5	24.6	22.5
14	21.0	28.1	26.0
16	24.5	31.6	29.5



CUSTOMER APPROVAL

RoHS compliant

UNLESS OTHERWISE SPECIFIED TOLERANCE  
 .000 ± 0.15 ( mm )  
 .00 ± 0.25 ( mm )  
 .0 ± 0.40 ( mm )

UNIT:mm  
 Material:  
 Finish:  
 Q'ty:

APPROVAL  
 DRAWN: 刘勇波  
 DESIGNED:  
 CHECKED:  
 APPROVED:

DATE  
 2016  
 05.24  
 TITLE: .138" (3.5mm) Vertical Dual Row Header  
 P/N: 3523-xxRC Series  
 Eng. No.:



ALEX CONNECTOR CO., LTD.  
 ALEXCONN Electronic(ShenZhen)CO.,LTD.