

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
- Mates with ALEX 3521T Terminal/3522-xx Housing

Specification:

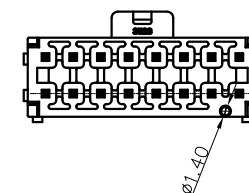
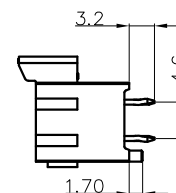
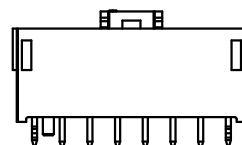
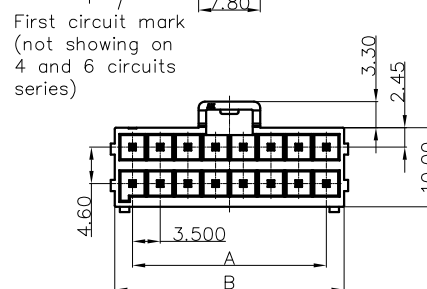
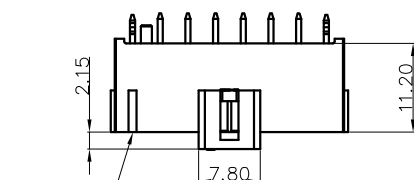
- Current rating: 14A at 16AWG
- Voltage rating: 400V AC (RMS) or 400V DC Max.
- Contact resistance: 10mΩ Max.
- Insulation resistance: 1000MΩ Min.
- Dielectric withstanding voltage: 1800V AC/minute
- Ambient temperature range: -40°C ~ 105°C

Ordering Information

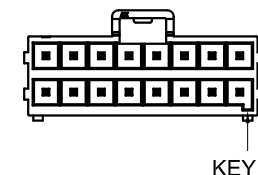
Part No.	Feature	Color
3523-xxP-A	With post, KEY A	Black
3523-xxP-B	With post, KEY B	Natural

Dimensional Information (mm)

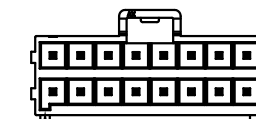
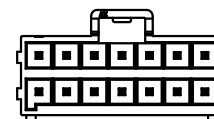
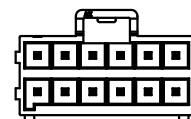
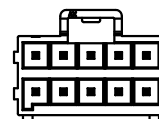
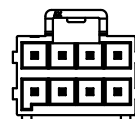
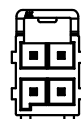
Circuits	Dim. A	Dim. B
4	3.500	8.00
6	7.00	11.50
8	10.50	15.00
10	14.00	18.5
12	17.5	22.0
14	21.0	25.5
16	24.5	29.0



PCB Layout



KEY B



KEY A

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



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

TITLE: .138" (3.5mm) Vertical Dual Row Header

P/N: 3523-xxP Series

Eng. No.: