

| REV | ECN NO. | DESCRIPTION           | DATE | APP'D |
|-----|---------|-----------------------|------|-------|
| C/D |         | RELEASE TO PRODUCTION |      | Paul  |
|     |         |                       |      |       |

## Features:

- 2 ~ 12 circuits available
- Material: Nylon 94 V0 - LCP
- .025"(0.64mm) square pins
- Tin-plated brass pin
- Mates with 4312-1xxHME housing
- Standard color: Black

## Specifications:

- Current rating:

| Wire size | # 20 | # 22 | # 24 | # 26 | # 28 | # 30 |
|-----------|------|------|------|------|------|------|
| Ampere    | 5 A  | 5 A  | 4 A  | 3 A  | 2 A  | 1 A  |

- Voltage rating: 250V
- Contact resistance: 10mΩ Max.
- Dielectric strength: 1500V AC/minute
- Temperature rise: 30°C max.  
(carry rated current load)

## Dimensional Information

| Circuits | Dim. A | Dim. B | Circuits | Dim. A | Dim. B | Circuits | Dim. A | Dim. B | Circuits | Dim. A | Dim. B | Circuits | Dim. A | Dim. B | Circuits | Dim. A | Dim. B |
|----------|--------|--------|----------|--------|--------|----------|--------|--------|----------|--------|--------|----------|--------|--------|----------|--------|--------|
| 2        | 3.0    | 9.65   | 4        | 9.0    | 15.65  | 6        | 15.0   | 21.65  | 8        | 21.0   | 27.65  | 10       | 27.0   | 33.65  | 12       | 33.0   | 39.65  |
| 3        | 6.0    | 12.65  | 5        | 12.0   | 18.65  | 7        | 18.0   | 24.65  | 9        | 24.0   | 30.65  | 11       | 30.0   | 36.65  |          |        |        |

## Order Information

P N : 4 3 1 2 - 1 x x P R E

Serial Type

No. of Contact  
02~12 PIN

Right Angle Type

With Mfg. Pegs

## TOLERANCE

.000 ± 0.05 ( mm )  
.00 ± 0.15 ( mm )  
.0 ± 0.25 ( mm )

## APPROVALS

DRAWN

Daniel

CHK'D

Huang

APP'D

Chen

## DATE

09-04-13

04-05-15

05-05-15



易昕企業有限公司  
LEAMAX ENTERPRISE CO., LTD.

TITLE: .118\*(3.0mm) Right Angle Header

DWG NO.4312-1R1

UNTS mm

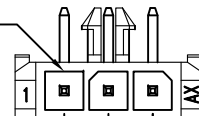
SCALE 1:1

SIZE:A4

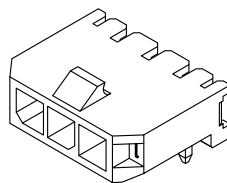
SHEET 1 OF 1

REV. C/D

Circuit No. 1

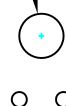


3.000

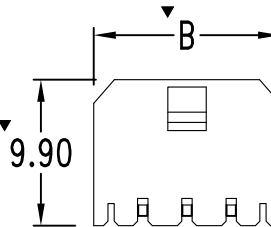


2 circuits

ø3.0±0.05

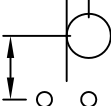


4.32±0.08



3 circuits

1.5±0.05



ø1.02±0.05

3.86

1.20

0.51

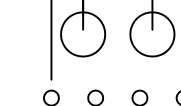
4.60

3.18

4 ~ 12 circuits

C±0.08

2.15±0.05



C=3.0\*(N-3)+1.7  
N=circuits

3.0±0.1

## PCB Layout