

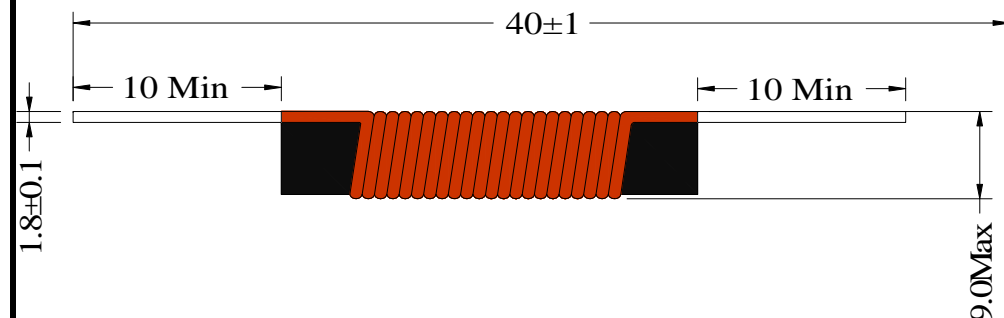


# P&Z ELECTRONICS CO.,LTD

AL0420 Lead inductor/Aia Coil  
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|                 |          |            |      |         |      |
|-----------------|----------|------------|------|---------|------|
| Part Code       | Date     | Production | Type | Version | Page |
| PZ-AL0420H-1R3M | 2017/6/8 | Tom        | DIP  | A001    | 1    |

## 1.Dimensions: [mm]



## 3.General Properties:

It is recommended that the temperature of the component does not exceed +125°C under worst case conditions.

|                        |                      |
|------------------------|----------------------|
| Storage Temperature:   | -20 °C up to +60 °C  |
| Operating Temperature: | -40 °C up to +125 °C |

Temperature Rise<55K.

Test conditions of Electrical Properties: +20°C, 33% RH if not specified differently.

## 4.Electrical Properties:

| Properties    | Test conditions | Value | Unit | Tolerance |
|---------------|-----------------|-------|------|-----------|
| Inductance    | 50KHZ/1V        | 1.3   | uH   | ±20%      |
| Rated Current | @ 70 °C         | 20.0  | A    | Max       |
| DC Resistance | @20 °C 50HZ     | 7     | mΩ   | Max       |
|               |                 |       |      |           |
|               |                 |       |      |           |

## 2.Schematic:

