

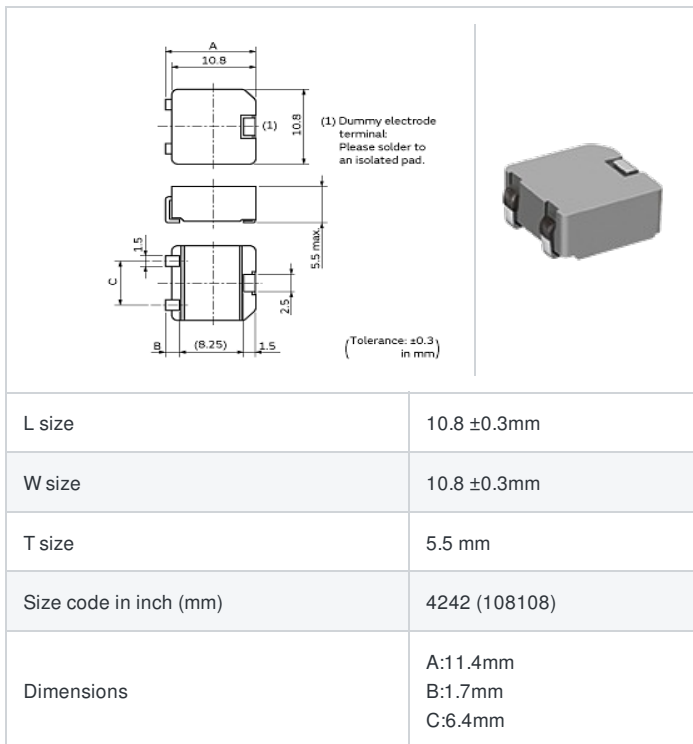
# FDA1055-H-2R2M#

"#" indicates a package specification code.



< List of part numbers with package codes >  
FDA1055-H-2R2M=P3

## Shape



## Notes

Rated current (Isat) is specified when the decrease of the initial inductance value at 20%.  
Rated current (Itemp) is specified when temperature of the inductor is raised 40 °C by DC current.

## References

| Packaging code | Specifications         | Minimum quantity |
|----------------|------------------------|------------------|
| =P3            | φ330mm Embossed taping | 500              |

| Mass (Typ.) |        |
|-------------|--------|
| 1 piece     | 3.201g |

## Specifications

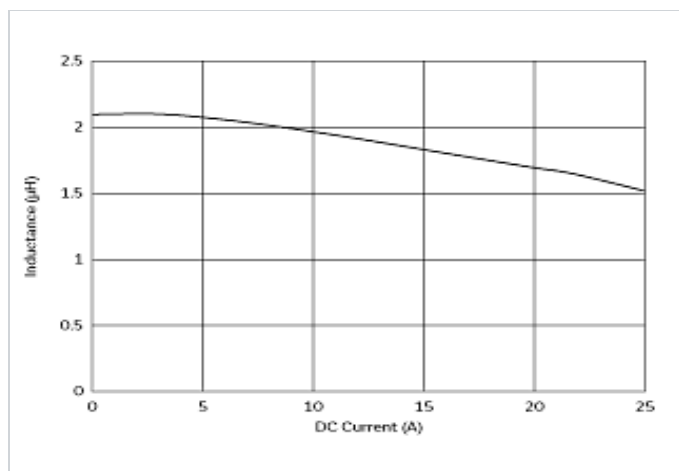
|                                                                 |              |
|-----------------------------------------------------------------|--------------|
| Inductance                                                      | 2.2μH ±20%   |
| Inductance test frequency                                       | 0.1MHz       |
| Rated current (Isat) (Based on Inductance change)               | 15500mA      |
| Rated current (Itemp) (Based on Temperature rise)               | 13600mA      |
| Max. of DC resistance                                           | 0.0048Ω      |
| Operating temperature range (Self-temperature rise is included) | -40 to 125°C |
| Class of magnetic shield                                        | Metal Alloy  |
| Absolute maximum voltage                                        | 30Vdc        |
| Series                                                          | FDA1055      |

### Attention

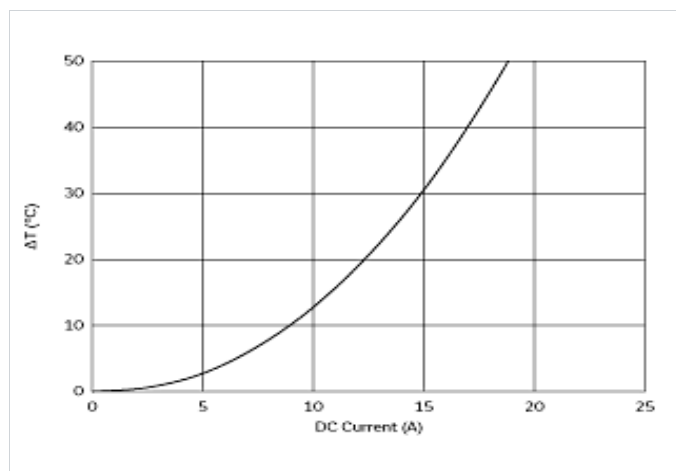
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2.This datasheet has only typical specifications because there is no space for detailed specifications.  
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

## Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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