

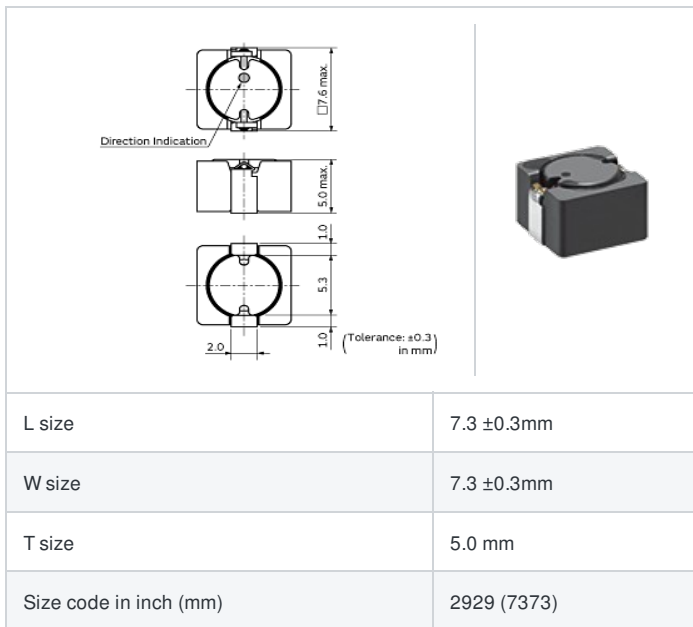
# B1047AS-1R0N#

# indicates a package specification code.



< List of part numbers with package codes >  
B1047AS-1R0N=P3

## Shape



## Notes

Rated current (Isat) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 20°C.)  
Rated current (Itemp) is specified when temperature of inductor the is raised 40°C by DC current. (The ambient reference temperature is 20°C.)

## References

| Packaging code | Specifications         | Minimum quantity |
|----------------|------------------------|------------------|
| =P3            | φ330mm Embossed taping | 1000             |

| Mass (Typ.) |        |
|-------------|--------|
| 1 piece     | 0.975g |

## Specifications

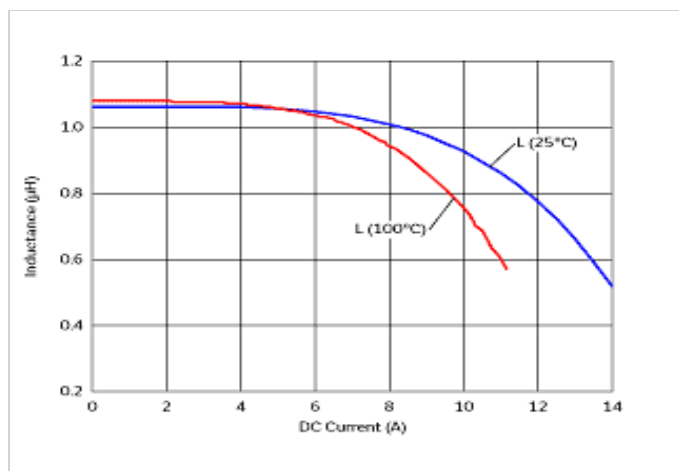
|                                                                 |              |
|-----------------------------------------------------------------|--------------|
| Inductance                                                      | 1.0μH ±30%   |
| Inductance test frequency                                       | 0.1MHz       |
| Rated current (Isat) (Based on Inductance change)               | 9200mA       |
| Rated current (Itemp) (Based on Temperature rise)               | 6400mA       |
| Max. of DC resistance                                           | 0.012Ω       |
| Operating temperature range (Self-temperature rise is included) | -40~85°C     |
| Class of magnetic shield                                        | Ferrite Core |
| Series                                                          | DS75LC       |

### Attention

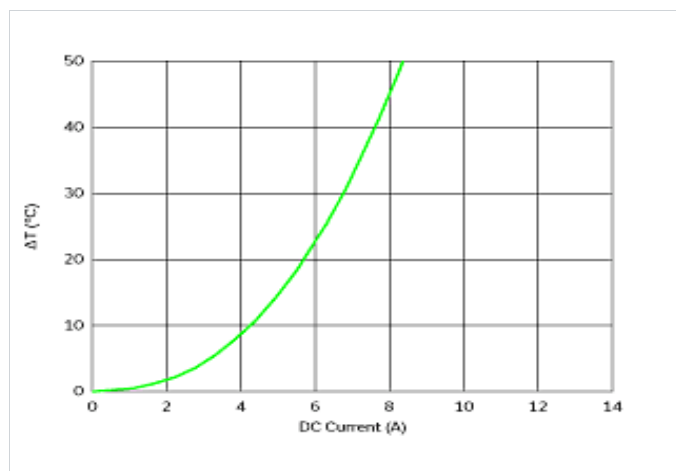
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## Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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