

# FDA1254-H-4R7M#

"#" indicates a package specification code.



< List of part numbers with package codes >  
 FDA1254-H-4R7M=P3

## Shape

|                        |                                |
|------------------------|--------------------------------|
| L size                 | 12.6 ±0.3mm                    |
| W size                 | 12.5 ±0.3mm                    |
| T size                 | 5.4 mm                         |
| Size code in inch (mm) | 5049 (126125)                  |
| Dimensions             | A:12.9mm<br>B:1.2mm<br>C:7.6mm |

## Notes

Rated current (I<sub>sat</sub>) is specified when the decrease of the initial inductance value at 20%. (The ambient reference temperature is 20°C.)  
 Rated current (I<sub>temp</sub>) 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 | 500              |

| Mass (Typ.) |        |
|-------------|--------|
| 1 piece     | 4.361g |

## Specifications

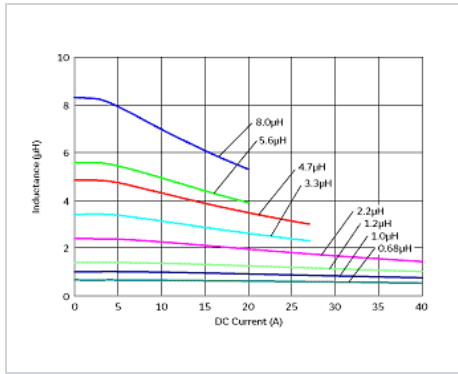
|   |             |
|---|-------------|
| Inductance  | 4.7μH ±20%  |
| Inductance test frequency                                       | 0.1MHz      |
| Rated current (I <sub>sat</sub> ) (Based on Inductance change)  | 11200mA     |
| Rated current (I <sub>temp</sub> ) (Based on Temperature rise)  | 10200mA     |
| Max. of DC resistance   | 0.0088Ω     |
| Operating temperature range (Self-temperature rise is included) | -20~100°C   |
| Class of magnetic shield  | Metal Alloy |
| Absolute maximum voltage  | 30V DC      |
| Series  | FDA1254     |

### Attention

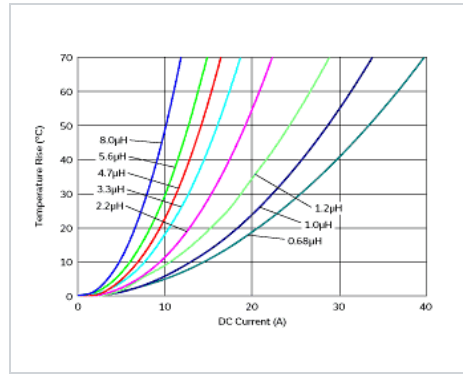
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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