

# 1225AS-H-3R3M#

# indicates a package specification code.



< List of part numbers with package codes >  
1225AS-H-3R3M=P2

## Shape

|                        |             |
|------------------------|-------------|
|                        |             |
| L size                 | 3.0 ±0.2mm  |
| W size                 | 2.8 ±0.2mm  |
| T size                 | 1.2 mm      |
| Size code in inch (mm) | 1211 (3028) |

## Notes

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

## References

| Packaging code | Specifications          | Minimum quantity |
|----------------|-------------------------|------------------|
| =P2            | φ 180mm Embossed taping | 2000             |

| Mass (Typ.) |        |
|-------------|--------|
| 1 piece     | 0.041g |

## Specifications

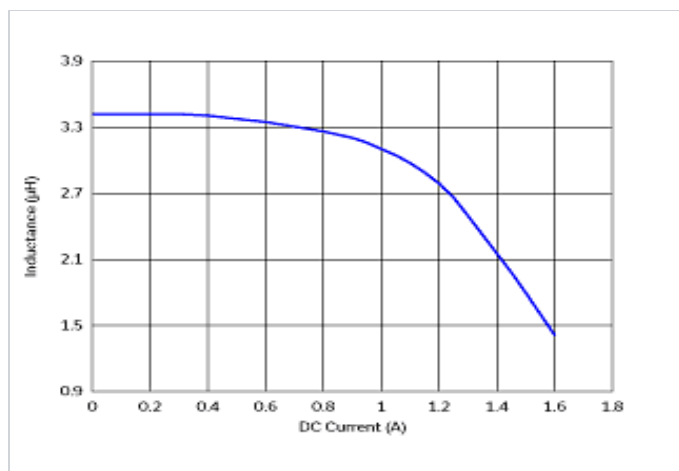
|                                                                 |                  |
|-----------------------------------------------------------------|------------------|
| Inductance                                                      | 3.3μH ±20%       |
| Inductance test frequency                                       | 0.1MHz           |
| Rated current (Isat) (Based on Inductance change)               | 1000mA           |
| Rated current (Itemp) (Based on Temperature rise)               | 1500mA           |
| Max. of DC resistance                                           | 0.096Ω           |
| Avg. of DC resistance                                           | 0.080Ω +20%/-30% |
| Operating temperature range (Self-temperature rise is included) | -40 to 85°C      |
| Class of magnetic shield                                        | Ferrite Core     |
| Series                                                          | DEM2812C         |

### Attention

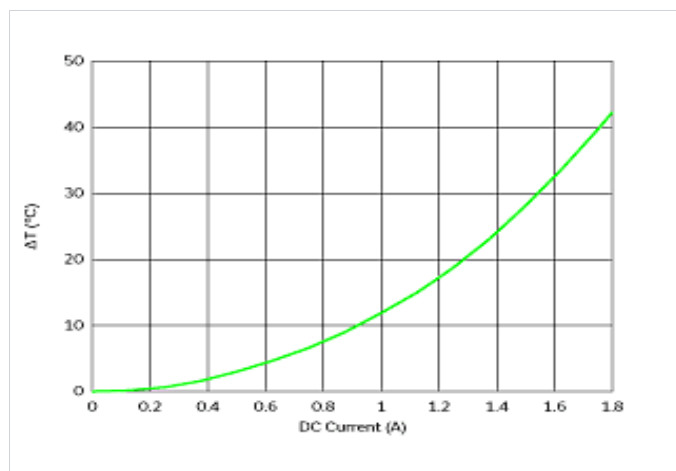
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## Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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