

In Production

Power-train 

AEC-Q200

155 °C

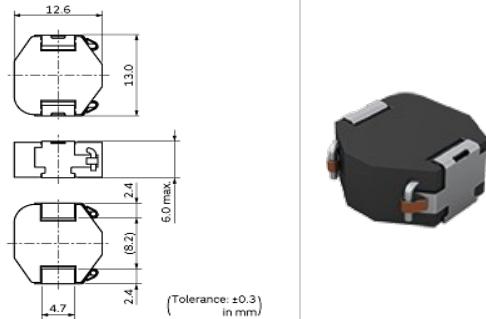
Wound (Metal)

RoHS

REACH

&lt; List of part numbers with package codes &gt;

DFEH12060D-220M=P3

**Shape**

L size	13.0 ±0.3mm
W size	12.6 ±0.3mm
T size	6.0 mm
Size code in inch (mm)	5150 (130126)

**Notes**

Rated current (Isat) is specified when the decrease of the initial inductance value at 20%. (The ambient reference temperature is 25°C)

Rated current (Itemp) is specified when temperature of the inductor is raised 40°C by DC current. (The ambient reference temperature is 25°C)

**References**

Packaging code	Specifications	Minimum quantity
=P3	φ 330mm Embossed taping	500

Mass (Typ.)	
1 piece	4.4519g

**Specifications**

Inductance	22µH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	4900mA
Rated current (Itemp) (Based on Temperature rise)	6000mA
Max. of DC resistance	0.0350Ω
Operating temperature range (Self-temperature rise is included)	-40~155°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	50V DC

**Attention**

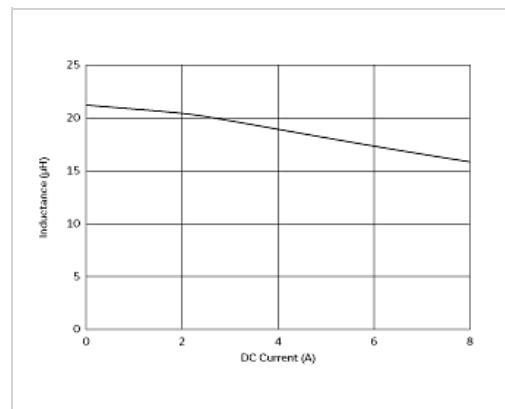
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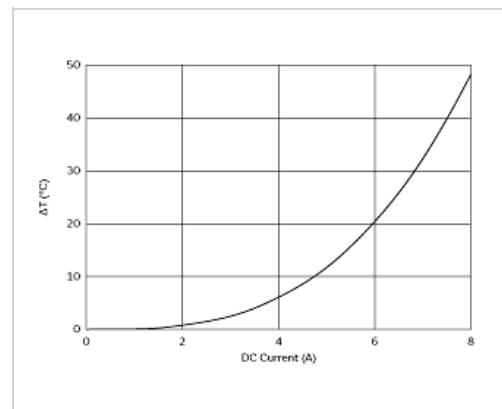
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## Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

### Inductance-Current characteristics (Typ.)



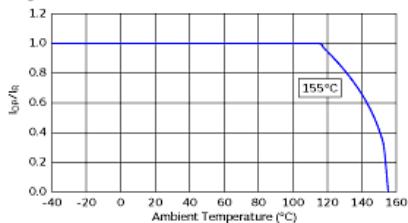
### Temperature rise characteristics (Typ.)



### Notice (Rating)

Max. current (DC, AC) as function of ambient temperature (derating curve).

Derating of Rated Current



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