

DBL7280H

New Products

RoHS

AEC-Q200

OFC

2in1



Features

- Space reduction is realized by 2 in 1 construction
- The optimal design realizes high quality sound and low distortion
- Compact size using flat wire

Magnetic structure



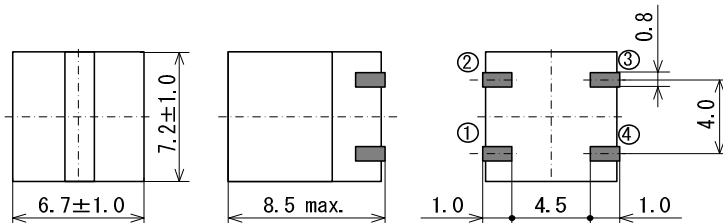
Operating Temperature Range : -40 °C~ +125 °C(include self-heating)

Weight : 1.2 g

Application

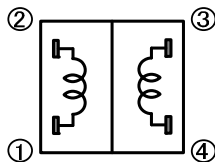
- AudioVisual
- TV and Monitor, Mini component, AV amplifier, Amplifier for professional
- Automotive
- Car Audio, Car Navigation
- Home Electronics
- Games
- Others
- Power Supply

Dimensions

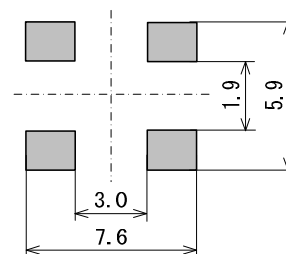


(Unit : mm)

Connection (Bottom view)



Recommended Land Pattern



(Unit : mm)



SAGAMI ELEC CO., LTD.
<https://www.sagami-elec.co.jp>

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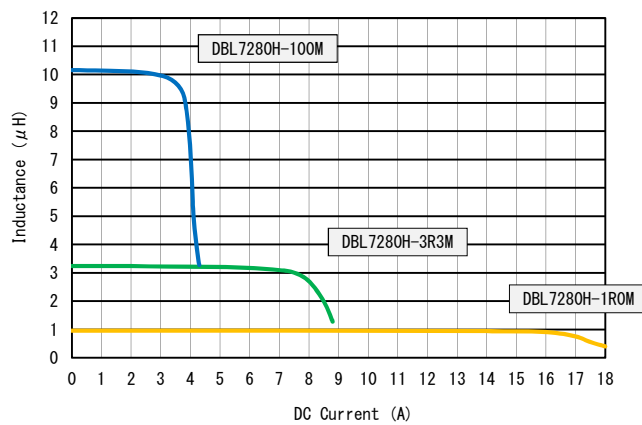
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■ Specifications

SAGAMI Part No.	Inductance (μH)	DCR Resistance ($\text{m}\Omega$)		DC saturation allowable current (A)	Temperature rise allowable current (A)
		Typical	max.		
DBL7280H-1R0M	1.0 \pm 20%	-	10.5	12.2	5.00
DBL7280H-3R3M	3.3 \pm 20%	-	23.0	5.80	3.40
DBL7280H-100M	10 \pm 20%	-	62.5	3.10	2.00
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

- Inductance Measuring Condition : 100kHz, 1V
- DC saturation allowable current : value of inductance decrease within 25%.
- Temperature rise allowable current : A rise in temperature of core surface is within 40°C.

■ Characteristics of DC Saturation Current



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