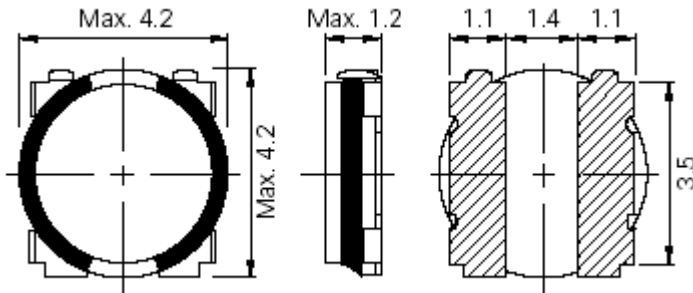
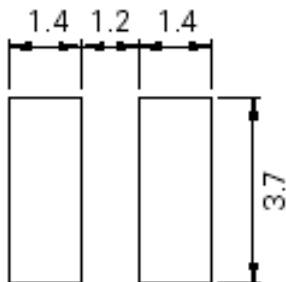


Type: CDH40D11/SMB
UNDER DEVELOPMENT
◆ Product Description

- 4.2×4.2mm Max.(L×W), 1.2mm Max. Height.
- Inductance range: 0.74~33 μ H.
- Rated current range: 0.36~2.65A.
- Custom design is available.


◆ Feature

- Magnetically shielded construction.
- Ideally used in Mobilephone,PDA,MP3,DSC/DVC,HDD,etc as DC-DC Converter inductors.
- Dropping impact reinforced types.
- RoHS Compliance

◆ Dimensions (mm)

◆ Land Pattern (mm)


Type: CDH40D11/SMB
◆ Specification

Part Name ※	Stamp	Inductance (μ H) 100kHz/1V	D.C.R.(Ω) Max.(Typ.) (20°C)	Saturation Current (A) ※1	Temperature Rise current (A) ※2
CDH40D11SMBNP-R74M□	R74	0.74±20%	38.8m(31m)	2.80	2.65
CDH40D11SMBNP-1R1M□	1R1	1.1±20%	51.3m(41m)	2.35	2.45
CDH40D11SMBNP-1R6M□	1R6	1.6±20%	66.3m(53m)	1.90	2.15
CDH40D11SMBNP-2R0M□	2R0	2.0±20%	77.5m(62m)	1.75	1.90
CDH40D11SMBNP-2R5M□	2R5	2.5±20%	98.8m(79m)	1.55	1.70
CDH40D11SMBNP-3R0M□	3R0	3.0±20%	113.8m(91m)	1.45	1.50
CDH40D11SMBNP-3R9M□	3R9	3.9±20%	134.4m(112m)	1.20	1.30
CDH40D11SMBNP-4R7M□	4R7	4.7±20%	168m(140m)	1.15	1.18
CDH40D11SMBNP-5R6M□	5R6	5.6±20%	178.8m(149m)	1.00	1.15
CDH40D11SMBNP-7R4M□	7R4	7.4±20%	247.2m(206m)	0.90	1.02
CDH40D11SMBNP-8R2M□	8R2	8.2±20%	270m(225m)	0.85	0.85
CDH40D11SMBNP-100M□	100	10±20%	336m(280m)	0.75	0.80
CDH40D11SMBNP-120M□	120	12±20%	446.4m(372m)	0.68	0.65
CDH40D11SMBNP-150M□	150	15±20%	619.2m(516m)	0.60	0.55
CDH40D11SMBNP-180M□	180	18±20%	693.6m(578m)	0.55	0.54
CDH40D11SMBNP-220M□	220	22±20%	916.8m(764m)	0.48	0.45
CDH40D11SMBNP-270M□	270	27±20%	1050m(875m)	0.44	0.42
CDH40D11SMBNP-330M□	330	33±20%	1152m(875m)	0.41	0.36

※ Description of part name

CDH40D11SMBNP-R74M□

- B Box
- C Carrier Tape

※1.Saturation Current: The DC current at which the inductance decreases to 70% of it's nominal value.

 ※2 Temperature rise current: The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$.($T_a=20^{\circ}\text{C}$)

This datasheet is not a final issue, and maybe something will be changed before production.