Type: CDH5D14/S

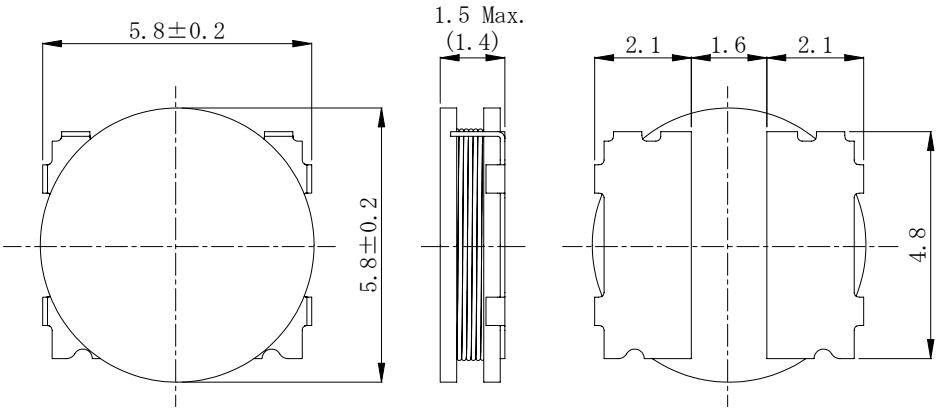
◆ Product Description

・6.0×6.0mm Max.(L×W), 1.5mm Max. Height.
・Inductance range: 0.7～100μH.
・Rated current range: 0.32～3.9A.
・In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.

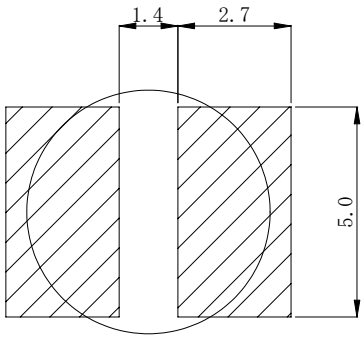
◆ Feature

・Magnetically unshielded construction.
・Ideally used PDA,MP3,DSC/DVC etc as DC-DC Converter inductors.
・Dropping impact reinforced types.
・RoHS Compliance

◆ Dimensions (mm)



◆Land Pattern (mm)



Type: CDH5D14/S

◆ Specification

Part Name ※	Stamp	Inductance (μH) 100kHz/1V	D.C.R.(Ω) Max.(Typ.) (at 20℃)	Saturation Current (A) ※1	Temperature Rise Current (A) ※2
CDH5D14SNP-0R7M□	0R7	0.70±20%	21.6m(18m)	3.90	4.10
CDH5D14SNP-1R1M□	1R1	1.1±20%	27.6m(23m)	3.20	3.80
CDH5D14SNP-1R6M□	1R6	1.6±20%	34.8m(29m)	2.65	3.60
CDH5D14SNP-2R2M□	2R2	2.2±20%	38.4m(32m)	2.30	3.40
CDH5D14SNP-2R7M□	2R7	2.7±20%	50.4m (42m)	2.10	2.90
CDH5D14SNP-3R3M□	3R3	3.3±20%	55.2m(46m)	1.90	2.80
CDH5D14SNP-4R7M□	4R7	4.7±20%	74.4m(62m)	1.60	2.40
CDH5D14SNP-5R9M□	5R9	5.9±20%	91.2m(76m)	1.45	2.15
CDH5D14SNP-7R5M□	7R5	7.5±20%	120m(100m)	1.30	1.95
CDH5D14SNP-8R5M□	8R5	8.5±20%	132m(110m)	1.20	1.90
CDH5D14SNP-100M□	100	10±20%	141.6m(118m)	1.10	1.75
CDH5D14SNP-120M□	120	12±20%	192m(160m)	1.00	1.27
CDH5D14SNP-150M□	150	15±20%	220m(185m)	900m	1.22
CDH5D14SNP-180M□	180	18±20%	288m(240m)	800m	1.08
CDH5D14SNP-220M□	220	22±20%	330m(275m)	720m	1.03
CDH5D14SNP-270M□	270	27±20%	384m(320m)	640m	930m
CDH5D14SNP-330M□	330	33±20%	492m(410m)	600m	780m
CDH5D14SNP-390M□	390	39±20%	570m(475m)	560m	740m
CDH5D14SNP-470M□	470	47±20%	762m(635m)	480m	580m
CDH5D14SNP-560M□	560	56±20%	888m(740m)	430m	560m
CDH5D14SNP-680M□	680	68±20%	999m(825m)	400m	540m
CDH5D14SNP-820M□	820	82±20%	1.18(980m)	360m	460m
CDH5D14SNP-101M□	101	100±20%	1.3(1.13)	320m	440m

※ Description of part name

CDH5D14SNP-0R7M□
- B: Box
- C: Carrier Tape

※1.Saturation Current: The DC current at which the inductance decreases to 70% of its nominal value.
※2.Temperature rise current: The DC current at which the temperature rise is △t=40℃ (Ta=20℃).