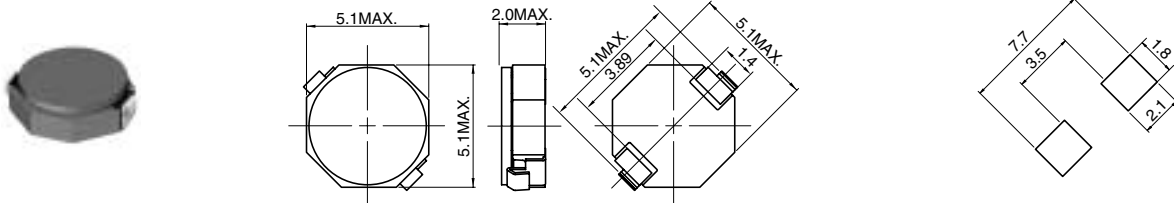


NEW

CDRH4D16F

OUTLINE

It is suitable for the power inductor for chopper circuit of DC/DC converters for the power supply of portable equipment. Having adopted double flat winding technology, it is a product which corresponds to a low profile power supply model with lower DCR demand for DVC.e.t.c.

DIMENSIONS (mm)
LAND PATTERNS (mm)

◆ SPECIFICATIONS

Parts No.	Stamp	Inductance <WITHIN>*1 (at 100kHz)	D.C.R.(mΩ)<MAX.> (at 20°C)*2	DC Superimposition(A) *3	Temperature rise(A) *4
CDRH4D16F/LDNP-2R0	2R0	2.0μH±25%	25.2(21.0)	0.9	3.4
CDRH4D16F/LDNP-2R6	2R6	2.6μH±25%	28.9(24.1)	0.8	3.2
CDRH4D16F/LDNP-4R7	4R7	4.7μH±25%	42.4(35.3)	0.6	2.5
CDRH4D16F/LDNP-6R8	6R8	6.8μH±25%	51.2(42.7)	0.5	2.4
CDRH4D16F/LDNP-100	100	10μH±25%	68.2(56.8)	0.4	2.0
CDRH4D16F/LDNP-150	150	15μH±25%	108.7(90.6)	0.35	1.4
CDRH4D16F/LDNP-220	220	22μH±25%	169.2(141.0)	0.30	1.0
CDRH4D16F/LDNP-330	330	33μH±25%	234.0(195.0)	0.22	0.85

*1: Measurement frequency of inductance : at 100kHz,1V

*2: () is typical value.

*3: DC superimposition : It indicates the D.C. current value when inductance value become more than 65% of the nominal one.

*4: The temperature rise : The value of D.C. current when temperature rise is Δt=40°C (Ta=20°C).

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