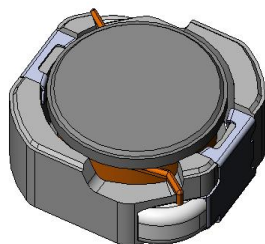
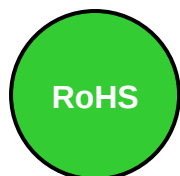
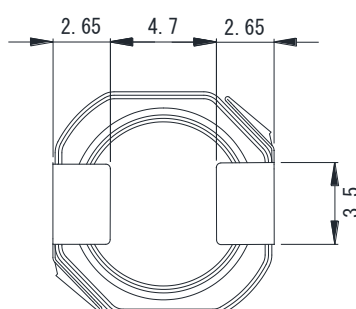
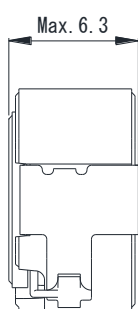
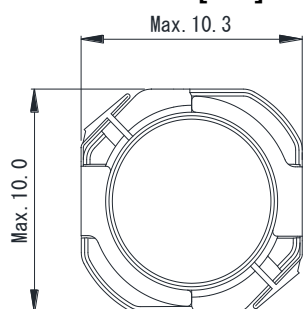


PROVISIONAL**Features**

- Ferrite drum core construction
- Magnetically shielded.
- Qualified AEC-Q200
- Operating temperature range: - 55deg C~+150deg C (including coil's self temperature rise)

Applications

- LED Head light for Automobile
- ECU, DC/DC converter
- Automotive and other high temperature, high reliability application.

Dimension [mm]**Reference Land pattern [mm]****Electrical characteristics**

Part Name	Inductance (μ H) [Within] ※1	D.C.R (m Ω) [Within] (at 20°C)	Saturation current (A) (at 20°C) ※2	Temperature rise current (A) ※3
CDRH10D60BT150NP-R80NC	0.8±30%	5.4±30%	21.2	10.5
CDRH10D60BT150NP-1R3NC	1.3±30%	6.2±30%	17.0	9.30
CDRH10D60BT150NP-2R0NC	2.0±30%	7.1±30%	13.6	8.50
CDRH10D60BT150NP-2R7NC	2.7±30%	8.5±30%	11.7	8.10
CDRH10D60BT150NP-4R7NC	4.7±30%	12±30%	8.80	6.60
CDRH10D60BT150NP-6R8NC	6.8±30%	15±30%	7.40	6.10
CDRH10D60BT150NP-100MC	10±20%	17±20%	6.20	5.80
CDRH10D60BT150NP-150MC	15±20%	30±20%	4.90	4.10
CDRH10D60BT150NP-220MC	22±20%	43±20%	4.10	3.30
CDRH10D60BT150NP-330MC	33±20%	57±20%	3.35	2.90
CDRH10D60BT150NP-470MC	47±20%	74±20%	2.82	2.60
CDRH10D60BT150NP-680MC	68±20%	88±20%	2.36	2.40
CDRH10D60BT150NP-101MC	100±20%	160±20%	1.92	1.80
CDRH10D60BT150NP-151MC	150±20%	250±20%	1.60	1.40
CDRH10D60BT150NP-221MC	220±20%	350±20%	1.32	1.20
CDRH10D60BT150NP-331MC	330±20%	515±20%	1.06	1.00
CDRH10D60BT150NP-471MC	470±20%	770±20%	880m	700m

※1 Measuring frequency inductance at 100kHz,1V.

※2 Saturation current : DC current which becomes inductance value drop by 30% from the nominal value.

※3 Temperature rise current : The actual value of D.C. current when the temperature of coil becomes $\Delta T=40^{\circ}\text{C}$ ($T_a=20^{\circ}\text{C}$).

CAUTION: Recommend not to operate with audio-frequency (AF) signals and should be mounted a proper position in the PCB to prevent noises problems which may be caused by magnetostriction.