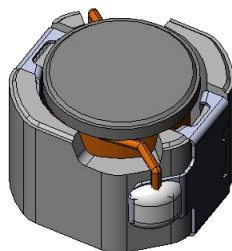
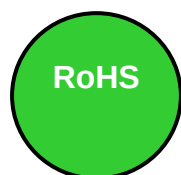
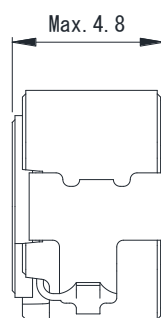
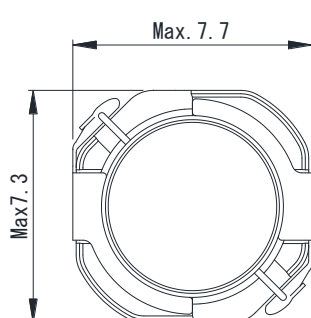
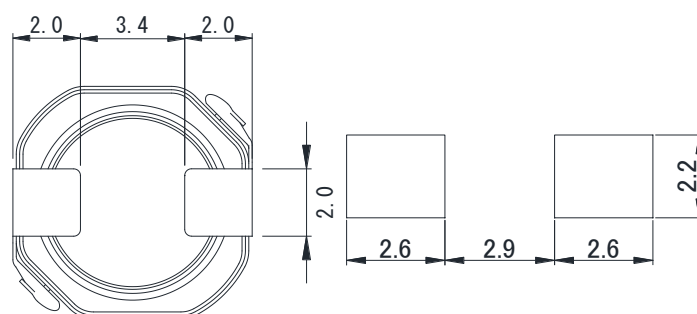


PROVISIONAL**Features**

- 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
CDRH70D45BT150NP-R80NC	0.8 $\pm$ 30%	7.0 $\pm$ 30%	9.00	7.00
CDRH70D45BT150NP-1R2NC	1.2 $\pm$ 30%	8.0 $\pm$ 30%	8.00	6.50
CDRH70D45BT150NP-1R5NC	1.5 $\pm$ 30%	9.0 $\pm$ 30%	6.30	5.40
CDRH70D45BT150NP-2R2NC	2.2 $\pm$ 30%	10.0 $\pm$ 30%	6.00	5.10
CDRH70D45BT150NP-3R3NC	3.3 $\pm$ 30%	13.0 $\pm$ 30%	4.70	4.80
CDRH70D45BT150NP-4R7NC	4.7 $\pm$ 30%	14.0 $\pm$ 30%	4.10	4.10
CDRH70D45BT150NP-6R8NC	6.8 $\pm$ 30%	22 $\pm$ 30%	3.10	3.90
CDRH70D45BT150NP-100MC	10 $\pm$ 20%	33 $\pm$ 20%	2.80	3.10
CDRH70D45BT150NP-150MC	15 $\pm$ 20%	55 $\pm$ 20%	2.30	2.60
CDRH70D45BT150NP-220MC	22 $\pm$ 20%	69 $\pm$ 20%	1.70	2.20
CDRH70D45BT150NP-330MC	33 $\pm$ 20%	97 $\pm$ 20%	1.60	1.80
CDRH70D45BT150NP-470MC	47 $\pm$ 20%	130 $\pm$ 20%	1.26	1.70
CDRH70D45BT150NP-680MC	68 $\pm$ 20%	190 $\pm$ 20%	1.08	1.50
CDRH70D45BT150NP-101MC	100 $\pm$ 20%	300 $\pm$ 20%	810m	1.05
CDRH70D45BT150NP-151MC	150 $\pm$ 20%	430 $\pm$ 20%	690m	950m
CDRH70D45BT150NP-221MC	220 $\pm$ 20%	550 $\pm$ 20%	560m	750m
CDRH70D45BT150NP-331MC	330 $\pm$ 20%	920 $\pm$ 20%	500m	580m

※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.