CUSTOMER INFORMATION

*Molded Power Inductor (7*7*4 series)*

Part Number	Nominal OCL (μH) (Note 1) ± 20%	FLL min. (uH) (note 2) @25°C	I_{RMS} Max. (Amp)	I_{SAT} (Amp)	DCR (mΩ) (Note 3) @ 25°C	K-factor
HCMP0704R1-R360-R	0.36	0.202	20.0	25.0	1.35±7%	754
HCMP0704R1-1R0-R	1.00	0.560	13.0	18.0	4.68±5%	447

Electrical Requirement Notes:

1) Test Frequency and voltage: 100kHz, 0.25Vrms and 20°C
2) FLL is the inductance tested with 100kHz, 0.25Vrms, Isat
3) Refer to the page 3 for the DCR measure position.
This document subject to change without notice

General Specifications:

a) I_{RMS} shows the DC current will cause a Temp. rise of 40°C max. at the ambient of 25°C without core loss
b) I_{SAT} shows the DC current will cause initial inductance to drop approx. 30% at 20°C
c) Storage Temp.: -55°C~ +125°C
d) Operating Temp.: -55°C~ +125°C
e) Resistance to Solder Heat: 260°C for 10 secs.

Parts available in Tape and Reel. 13" diameter reel : 1200 parts per reel.

EATON
1225 Broken Sound Parkway, Boca Raton, FL33487

Molded Power Inductor (HCMP0704Rx)

SMT, 2 Pads
Family Specification

SIZE	Drawing Number:		**HCMP0704Rx-R**
A	Revision Level:	A	