

# PCC-MC SAMPLES DATA SHEET

Jun. 24th. 2005

Confidential

Panasonic

Part No. : **ETQP5M470YFM**

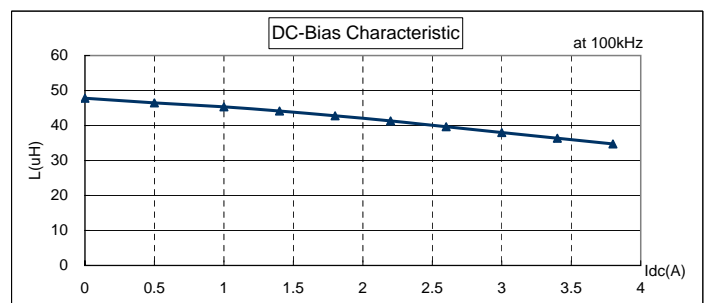
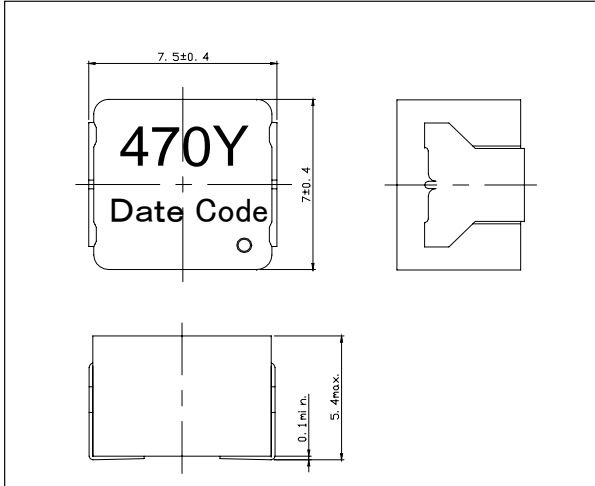
( Type : PCC-M0754M-470Y )

\* Representative Sample Data [代表サンプルデータ]

Inductance	DC0A	47.8 uH	at 100kHz, 1Vrms
	DC1.0A	45.3 uH	
DCR		161.4 m ohm	at 25deg
Size	W	7.02 mm	
	L	7.53 mm	
	H	5.09 mm	

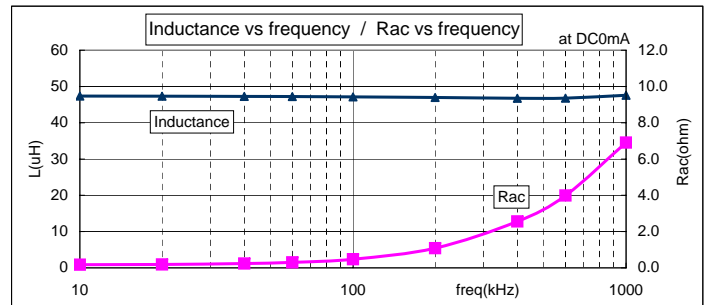
Rated Current.[定格電流] DC1.0A at Temp. Rise[温度上昇] 15K

Schematic, Marking (sample)



DC-Bias Characteristic

Idc(A)	0	0.5	1	1.4	1.8	2.2	2.6	3	3.4	3.8
ETQP5M470YFM	47.8	46.5	45.3	44.2	42.8	41.3	39.7	38.0	36.4	34.7



Inductance vs frequency

f(kHZ)	10	20	40	60	100	200	400	600	1000
ETQP5M470YFM	47.36	47.33	47.28	47.24	47.15	46.97	46.76	46.80	47.58

Rac vs frequency

f(kHZ)	10	20	40	60	100	200	400	600	1000
ETQP5M470YFM	0.173	0.189	0.238	0.304	0.475	1.083	2.558	3.989	6.908