健全 C M Technology

PM Core Series

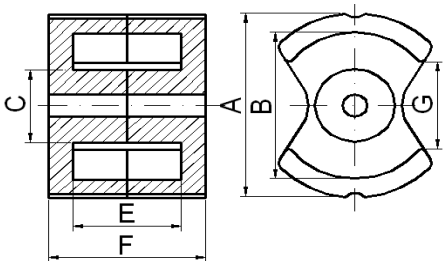

Fig 1

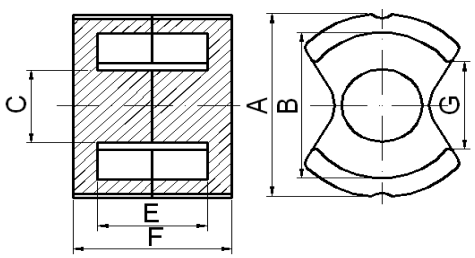

Fig 2

Type	Fig	Dimensions (mm)						
		A	B	C	D (hole)	E	F	G
PM50/39	1	$50.0_{-1.7}$	$39.0^{+1.3}$	$20.0_{-0.6}$	$5.4^{+0.2}$	$26.4^{+0.8}$	$39.0_{-0.4}$	23.4min
PM62/49H	2	$62.0_{-2.0}$	$48.8^{+1.5}$	$25.5_{-0.6}$		$33.4^{+0.8}$	$49.0_{-0.4}$	29.0min
PM62/49	1	$62.0_{-2.0}$	$48.8^{+1.5}$	$25.5_{-0.6}$	$5.4^{+0.2}$	$33.4^{+0.8}$	$49.0_{-0.4}$	29.0min
PM74/59	1	$74.0_{-3.0}$	$57.5^{+1.8}$	$29.5_{-1.0}$	$5.4^{+0.3}$	$40.7^{+0.8}$	$59.0_{-0.6}$	34.0min
PM87/70	1	$87.0^{+2.0}_{-3.0}$	$67.1^{+2.1}$	$31.7_{-1.0}$	$8.5^{+0.3}$	$48.0^{+0.8}$	$70.0_{-0.6}$	39.4min
PM114/93	1	$114.0_{-5.0}$	$88.0^{+3.7}$	$43.0_{-1.4}$	$5.4^{+0.4}$	$63.0^{+1.6}$	$93.0_{-1.0}$	52.0min

Type	Core parameter				weight	AL(nH/N^2)	
	C1 (mm^{-1})	Le (mm)	Ae (mm^2)	Ve (mm^3)	(g/prs)	LP3 (±25%)	LP3A (±25%)
PM50/39	0.227	84	370	31000	140	7700	7700
PM62/49H	0.190	109	570	62000	290	9700	9700
PM62/49	0.190	109	570	62000	280	9700	9700
PM74/59	0.162	128	790	101000	520	10000	10000
PM87/70	0.161	146	910	133000	820	13000	
PM114/93	0.116	200	1720	344000	1940	16000	

Note : AL measured @ 1kHz/0.5mA/100Ts

Material Specification					
Material	u_i	Bsat 1190A/M 100° C	Power Loss 100KHz, 200mT 80°C	100°C	T_c
LP3	2300 ± 25%	390 mT	480	450	>200
LP3A	2200 ± 25%	380 mT	400	350	>200

A POWERFUL SOLUTION™

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