Premier Magnetics Inc.

"INNOVATORS IN MAGNETICS TECHNOLOGY"

COUPLED INDUCTOR For Uses in ADSL POTS Low Pass Filters

FEATURES

❶ Excellent longitudinal balance
❷ 1500v Isolation
❸ Inductance tolerance ±5%
❹ DC current up to 100mA

ELECTRICAL SPECIFICATIONS AT 25°C - OPERATING TEMPERATURE RANGE -40°C TO +85°C

PART NUMBER	Inductance (each wdg) (mH)	DC R (each wdg) (Ω MAX)	Isolation (Vrms)	Function	Package / Schematics
PM-IND019	1.90±5%	1.8	1500	Coupled Inductor for POTS Low Pass Fillter	A/1
PM-IND019E	1.90±5%	2.3	1500	Coupled Inductor for POTS Low Pass Fillter	C/3
PM-IND020	2.00±5%	1.9	1500	Coupled Inductor for POTS Low Pass Fillter	A/1
PM-IND020E	2.00±5%	2.4	1500	Coupled Inductor for POTS Low Pass Fillter	C/3
PM-IND024	2.40±5%	2.1	1500	Coupled Inductor for POTS Low Pass Fillter	A/1
PM-IND024E	2.40±5%	2.7	1500	Coupled Inductor for POTS Low Pass Fillter	C/3
PM-IND025	2.50±5%	2.2	1500	Coupled Inductor for POTS Low Pass Fillter	A/1
PM-IND025E	2.50±5%	2.8	1500	Coupled Inductor for POTS Low Pass Fillter	C/3
PM-IND030	3.0±5%	3.0	1500	Coupled Inductor for POTS Low Pass Fillter	A/1
PM-IND040	4.0±5%	3.0	1500	Coupled Inductor for POTS Low Pass Fillter	A/1
PM-IND040E	4.0±5%	4.0	1500	Coupled Inductor for POTS Low Pass Fillter	C/3
PM-IND045	4.5±5%	3.6	1500	Coupled Inductor for POTS Low Pass Fillter	A/1
PM-IND045E	4.5±5%	4.5	1500	Coupled Inductor for POTS Low Pass Fillter	C/3
PM-IND050	5.00±5%	4.0	1500	Coupled Inductor for POTS Low Pass Fillter	A/1
PM-IND050E	5.0±5%	5.4	1500	Coupled Inductor for POTS Low Pass Fillter	C/3
PM-IND052	5.25±5%	4.5	1500	Coupled Inductor for POTS Low Pass Fillter	A/1
PM-IND052E	5.25±5%	5.8	1500	Coupled Inductor for POTS Low Pass Fillter	C/3
PM-IND055	5.5±5%	4.7	1500	Coupled Inductor for POTS Low Pass Fillter	A/1
PM-IND055E	5.5±5%	6.0	1500	Coupled Inductor for POTS Low Pass Fillter	C/3
PM-IND060	6.0±5%	5.0	1500	Coupled Inductor for POTS Low Pass Fillter	B/2
PM-IND090	9.0±5%	6.0	1500	Coupled Inductor for POTS Low Pass Fillter	B/2

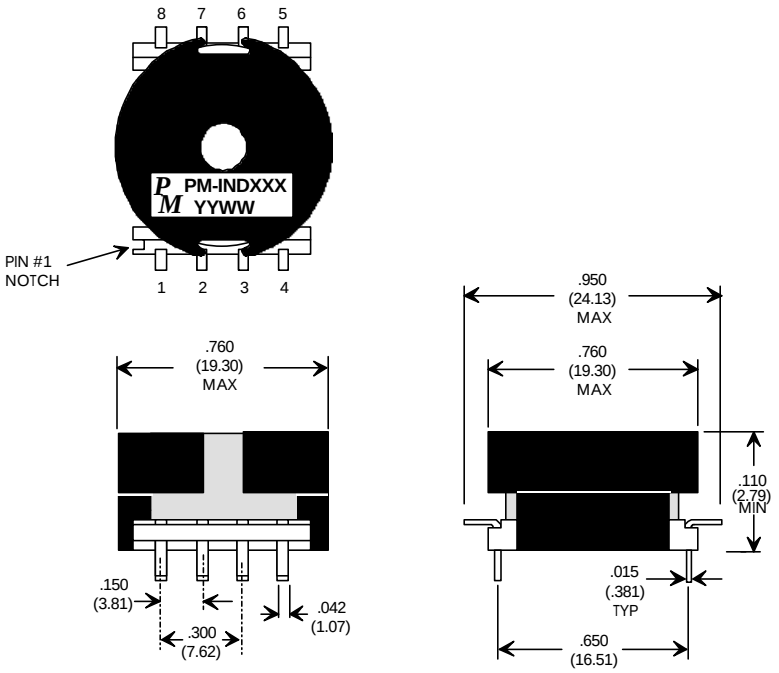
20381 BARENTS SEA CIRCLE, LAKE FOREST, CA 92630 · TEL: (949) 452-0511 · FAX: (949) 452-0512 · http://www.premiermag.com

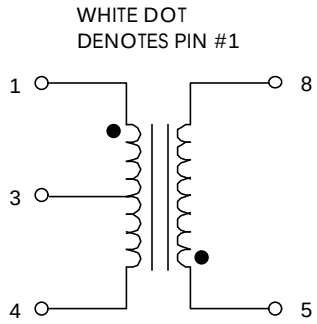
COUPLED INDUCTOR For Uses in ADSL POTS Low Pass Filters

PACKAGE "A"

SCHEMATIC "1"

PHYSICAL DIMENSIONS .... DIMENSIONS IN INCH (mm)

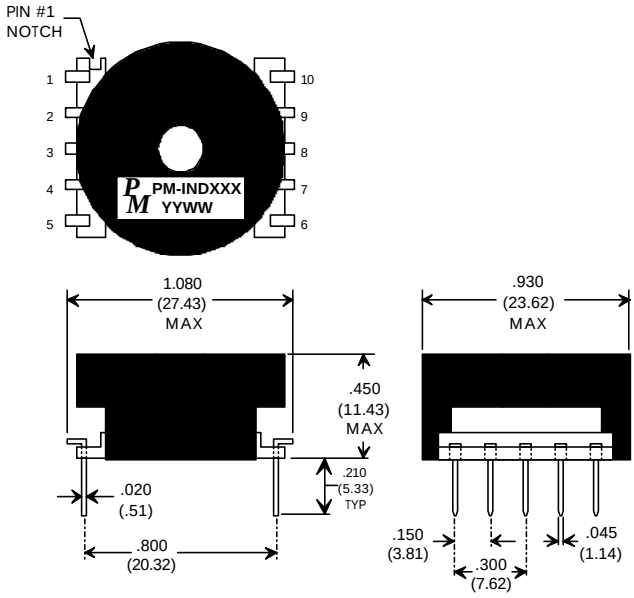


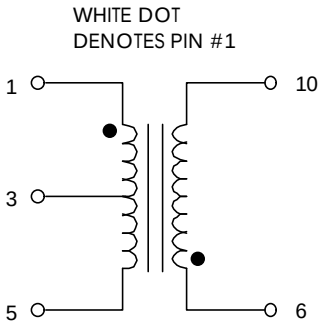


PACKAGE "B"

SCHEMATIC "2"

PHYSICAL DIMENSIONS .... DIMENSIONS IN INCH (mm)

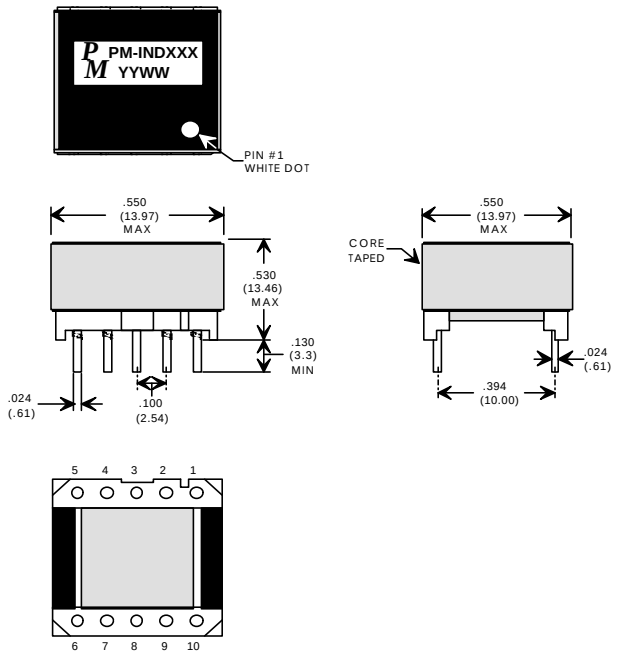


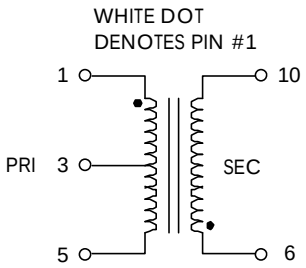


COUPLED INDUCTOR
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PACKAGE "C" | **SCHEMATIC "3"**

PHYSICAL DIMENSIONS .... DIMENSIONS IN INCH (mm)





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