

TELECOM TRANSFORMERS FARM,POT SERIES



FEATURES

- High inductance.
- Low leakage inductance
- Low interwind capacitance
- Compact size and Surface-mounted
- Designed to meet UL, CSA, VDE, BABT safety standard

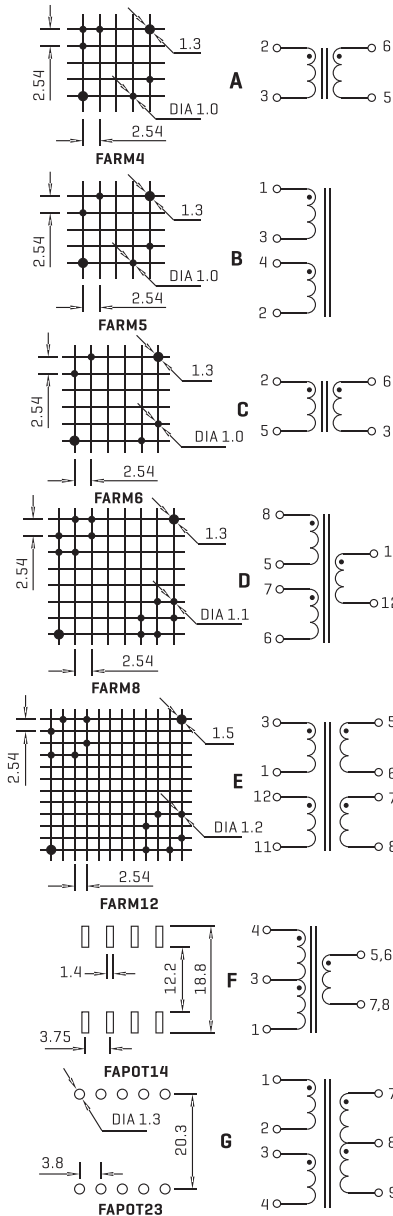
OPTIONS

- Tape and reel is standard
- Bulk packaging available for Smaller quantities
- Custom design available
- Tolerance: 5% is standard, Tighter tolerance available
- RM 4, 5, 6, 7, 8, 10, 12, 14 available
- POT 3,2, 4,5, 6, 7, 9, 11, 14, 18, 22, 26, 30, 36, 42, 48 available

COMMON APPLICATIONS

- Modem
- Fax machine, Hub
- ISDN, ADSL, HDSL, PABX
- Other telecommunication facilities etc
- Switching power supplies
- AC-DC, DC-DC converters

TECHNICAL INFORMATION

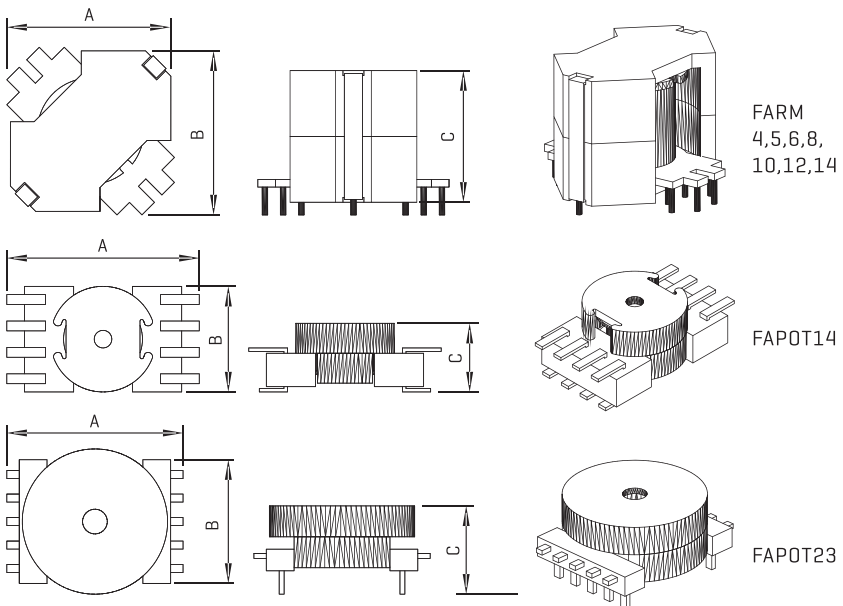


ALL DIMENSIONS IN MM

ELECTRICAL CHARACTERISTICS

Part No.	Inductance [10kHz/0.1V Typ]	Turn Ratio	DCR[Ωmax]	Hi-pot [Pri-Sec]	Schematic
FARM4	45.2mH±35%(3-4)	1:1[2-3:5-6]	2.5:2.5[2-3:5-6]	500VDC	A
FARM5	43.5mH±6%(1-3=3-4)	1:1[1-3:4-2]	4.6:4.6[1-3:4-2]	1000VDC	B
FARM6	20mH±6%(2-3 tie 6+5)	1:1[2-5:6-3]	4.0:4.0[2-5:6-3]	850VDC	C
FARM8	3.0mH±6%[8-6 tie 5+7]	5.24:1[8-6:1-12 tie 5-7]	1.7:1.7:0.42[8-5:7-6:1-12]	2500VAC	D
FARM12	140μHmin[3-1=2-11]	1:1:2:2[3-1:12-11:5-6:7-8]	0.012:0.05[3-1=12-11:5-6=7-8]	500VDC	E
FAPOT14	450μH±25%(4-1)	3.75:1[4-1:6-8]	0.04:0.012:0.012[4-3:5-7:6-8]	1250VDC	F
FAPOT23	15.5mH±10%(1-4 tie 2+3)	1:0.6[1-4:7-9 tie 2+3]	13:7.8[1-4:7-9 tie 2+3]	1500DC	G

PHYSICAL CHARACTERISTICS



Part No.	FARM4	FARM5	FARM6	FARM8	FARM12	FAPOT14	FAPOT23
A	10.5max	13.5max	16.6max	22.0max	31.7max	21.0max	24.4max
B	10.5max	13.5max	16.6max	22.0max	31.7max	15.0max	23.5max
C	11.0max	11.5max	12.7max	17.5max	25.4max	9.0max	11.6max