

TELECOM TRANSFORMERS ARM, 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

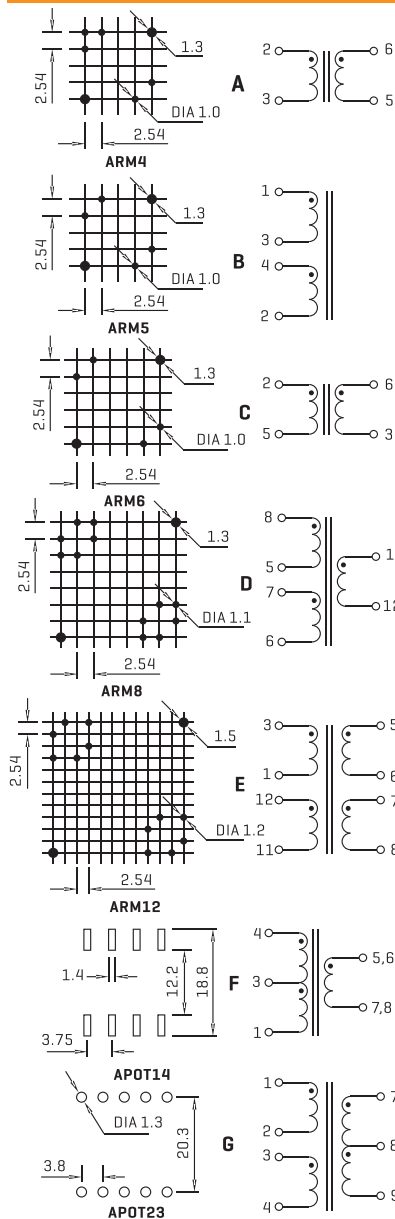
OPTIONS

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

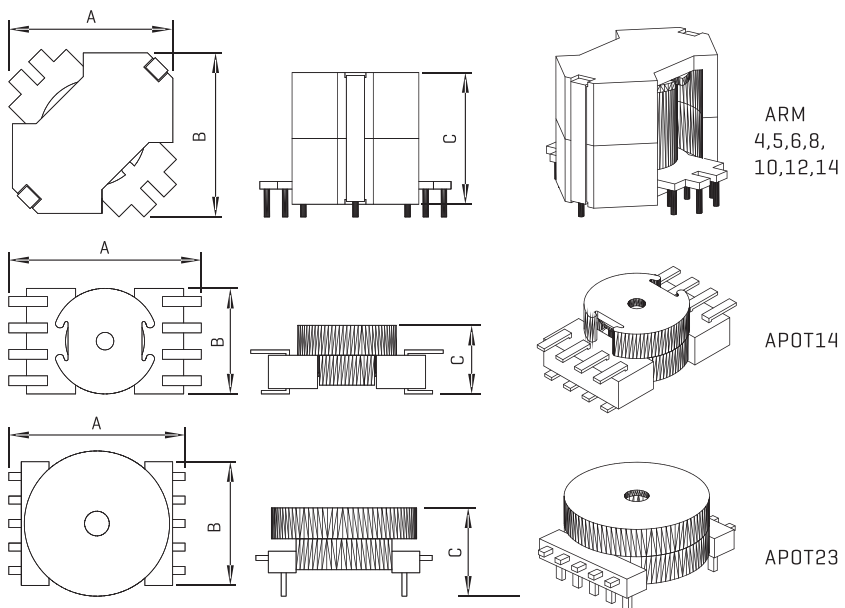
TECHNICAL INFORMATION



ELECTRICAL CHARACTERISTICS

Part No.	Inductance [10kHz/0.1V Typ]	Turn Ratio	DCR[Ωmax]	Hi-pot [Pri-Sec]	Schematic
ARM4	45.2mH±35%(3-4)	1:1(2-3-5-6)	2.5:2.5(2-3-5-6)	500VDC	A
ARM5	43.5mH±6%(1-3=3-4)	1:1(1-3-4-2)	4.6:4.6(1-3-4-2)	1000VDC	B
ARM6	20mH±6%(2-3 tie 6+5)	1:1(2-5-6-3)	4.0:4.0(2-5-6-3)	850VDC	C
ARM8	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
ARM12	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
APOT14	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
APOT23	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.	ARM4	ARM5	ARM6	ARM8	ARM12	APOT14	APOT23
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

ALL DIMENSIONS IN MM