

TELECOM TRANSFORMERS FAEFD,ER SERIES



FEATURES

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

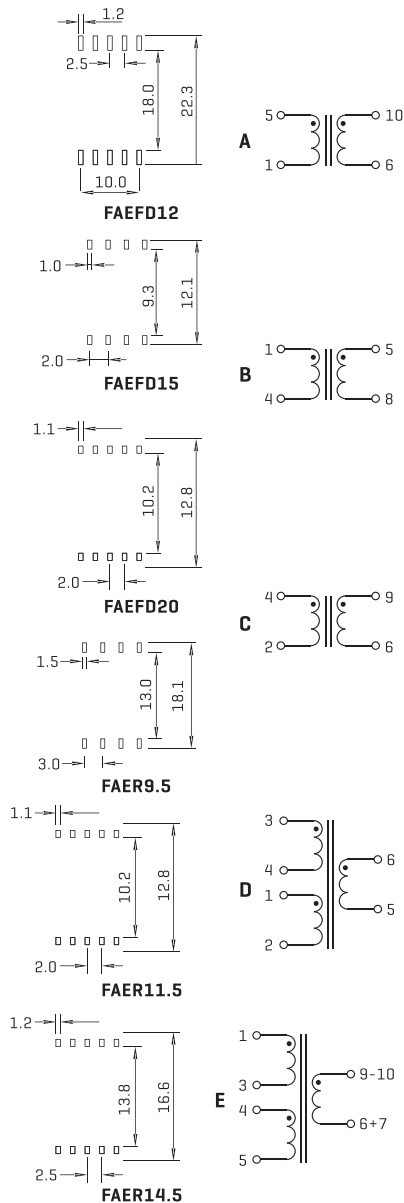
OPTIONS

- Tape and reel is standard
- Bulk packaging available for Smaller quantities
- Custom design available
- Tolerance: 5% is standard, tight FATER available
- SMD EFD 25/30 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
FAEFD12	27 μH ±10 % (3-4)	0.74:1.0.71(3-4:1-2:6-5)	0.21:1.15:0.35(3-4:1-2:6-5)	1250VAC	D
FAEFD15	4.0mH±6%(1-5=10-6)	1:1(1-5:10-6)	6.25:6.25(1-5:10-6)	1000VDC	A
FAEFD20	20mH±6%(1-5 tie 10+6)	1:1(1-5:10-6)	5.5:5.5(1-5:10-6)	1000VDC	A
FAER9.5	200μH Typ.(1-4)	1:1(1-4:5-8)	0.12:0.132(1-4:5-8)	1000VDC	B
FAER11.5	58μH±10 % (4-2)	1:2(4-2:9-6)	0.35:1.75(4-2:9-6)	500VAC	C
FAER14.5	14.4μH±10%(1-3)	1:1:1(1-3:4-5:10-6)	0.063:0.28:0.066(1-3:4-5:10+9-6+7)	500AC	E

PHYSICAL CHARACTERISTICS

