

# TELECOM TRANSFORMERS & POWER TRANSFORMERS

## FARM SERIES



### FEATURES

Low inFATERwind capacitance  
 Low total harmonic distortion(THD)  
 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, Tigh FATER available  
 RM 5, 6, SMD available  
 RM 6, 8, 10, 12, 14 Power available

### COMMON APPLICATIONS

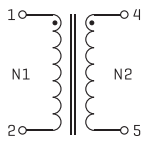
Modem  
 Fax machine, Hub  
 ISDN, ADSL, HDSL, PABX  
 Other telecommunication facilities etc  
 Switching power supplies  
 AC-DC, DC-DC converters

### TECHNICAL INFORMATION

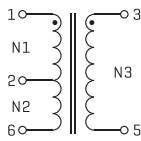
Soldering temperature: 260°C for 4 ± 1 seconds  
 Operating temperature: 0°C to 70°C  
 Storage Temperature: -25°C to 85°C  
 Different package available per special request

### ELECTRICAL CHARACTERISTICS

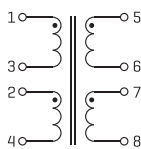
Part No.	N1 Inductance [1kHz/0.1V Typ]	Turn Ratio	N1 DCR[Qmax]	Hi-pot [Pri-Sec]	Schematic
FARM6012	3.6mH min	N1:N2=1:2.5	4.5	1250V	1
FARM 5001	2.5mH min	N1:N2:N3=1:1:3	6.5	1250V	2
FARM 5002	1H min	N1:N2:N3:N4=1:1:1:1	30.0	1250V	3



Schematic 1

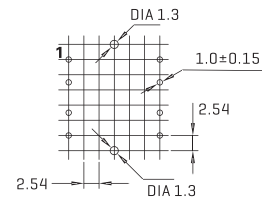
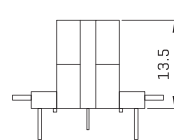
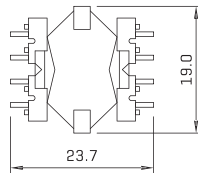


Schematic 2

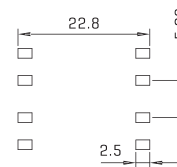
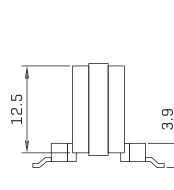
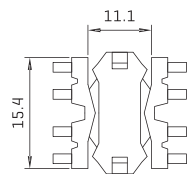


Schematic 3

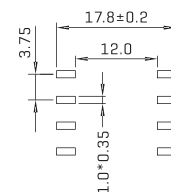
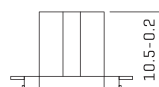
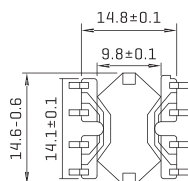
### PHYSICAL CHARACTERISTICS



FADIP  
FARM6  
POWER



FARM5  
FASMD



FARM5  
FASMD

ALL DIMENSIONS IN MM