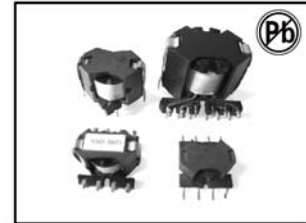


# SMD Power Transformers

## TELECOM TRANSFORMERS & POWER TRANSFORMERS FARM SMD 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, tighFATER available  
RM 5, 6, SMD available  
RM 6, 8, 10, 12, 14 Power available

### COMMON APPLICATIONS:

Modem  
Fax machine, Hub  
Power Transformers  
ISDN, FAADSL, HDSL, PABX  
Other telecommunication facilities etc  
Switching power supplies  
AC-DC, DC-DC converFATERs

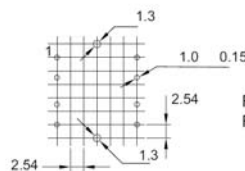
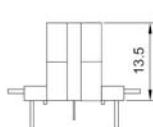
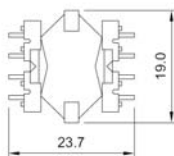
## ELECTRICAL CHARACFATERISTICS

Part No.	N1 Inductance (1kHz/0.1V Typ)	Turn Ratio	N1 DCR( max)	Hi-pot (Pri-Sec)	Schematic
FATP 6012	3.6mH min	N1:N2=1:2.5	4.5	1250V	1
FATM 5001	2.5mH min	N1:N2:N3=1:1:3	6.5	1250V	2
FATM 5002	1H min	N1:N2:N3:N4=1:1:1:1	30.0	1250V	3

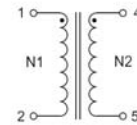
## TECHNICAL INFORMATION

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

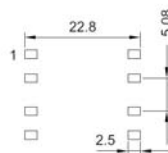
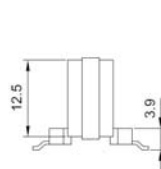
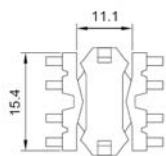
## PHYSICAL CHARACFATERISTICS



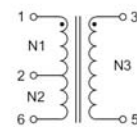
FADIP  
FARM6 Power



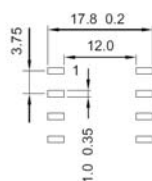
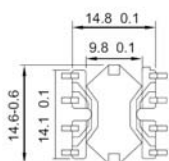
Schematic1



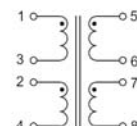
FARM5  
FASMD



Schematic2



FARM5  
FASMD



Schematic3

Note: All Dimensions in mm