

Flyback Safety Insulating Transformers

FSIT 25 Series & FSIT 29 Series



- 20 to 35W transformers for AC/DC converters connected to the mains
- 2x5 pin through hole version
- Compliant with reinforced insulation up to 265Vrms working voltage
- Clearance and creepage distance up to 8mm
- Dielectric strength up to 4kV (50Hz-1 min)
- Approx weight : 25grams

Electrical Data FSIT 25

ID Code	Mains Input Voltage Range (Vrms)	Output Power (W)	Designed Outputs	Connected IC(s)	Working Frequency	Applied standard(s)	Standard Requirements
FSIT25 15W 01	85 - 265V (2° - 1)	14W	14,5V / 0.95A (10° - 9) 20V / 15mA (7° - 6) BIAS (4° - 5)	VIPer50	100kHz	EN60950	Reinforced 4000Vrms
FSIT25 15W 02	180V - 265V (3° - 1)	14,5W	2,4V / 1A (9° - 10) 3,3V / 2A (8° - 10) 5,1V / 300mA (7° - 10) 32,6V / 120mA (6° - 10) BIAS (5° - 4)	TOP242 TOP243	132kHz	EN60950	Reinforced 4000Vrms
FSIT25 25W 01	180 - 480V (2° - 1)	25W	19V / 300mA (9° - 10) 24V / 800mA (6° - 7)	NCP1200	40kHz	EN60950	Reinforced 4000Vrms
FSIT25 35W 01	185 - 265V (2° - 1)	35W	6,8V / 5A (6 / 7° - 9 / 10) BIAS (5° - 4)	TOP244	132kHz	EN60950	Reinforced 4000Vrms

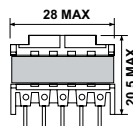


- 35 to 70W transformers for AC/DC converters connected to the mains (50/60Hz)
- 6+7 pin through hole version (ETD29)
- Compliant with reinforced insulation up to 265Vrms working voltage
- Clearance and creepage distance up to 8mm
- Dielectric strength up to 4kV (50Hz-1 min)
- Approx weight : 50grams

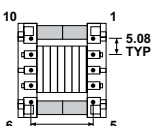
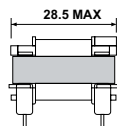
Electrical Data FSIT 29

ID Code	Mains Input Voltage Range (Vrms)	Output Power (W)	Designed Outputs	Connected IC(s)	Working Frequency	Applied standard(s)	Standard Requirements
FSIT29 48W 01	85 - 265V (3° - 1)	48W	48V / 1A (11° - 13) BIAS (5° - 4)	VIPer53	100Hz	EN60950	Reinforced 4000Vrms
FSIT29 48W 02	85 - 265V (3° - 1)	48W	24V / 1A (11° - 12) 24V / 1A (10° - 13) BIAS (5° - 4)	VIPer53	100Hz	EN60950	Reinforced 4000Vrms
FSIT29 55W 01	85 - 265V (3° - 1)	55,5W	20,5V / 1,5A (12/13° - 10/11) 60V / 400mA (8° - 7) 180V / 4mA (9° - 7) BIAS (5° - 6)	ICE2B765P2	67kHz	EN60950	Reinforced 4000Vrms
FSIT29 60W 01	85 - 480V (3° - 1)	60W	24V / 1,1A (13° - 12) 10V / 1,1A (11° - 10) 15V / 1,5A (9° - 8) -15V / 250mA (8° - 7) BIAS (5° - 6)	VIPer100	70kHz	EN60950	Reinforced 4000Vrms
FSIT29 70W 01	185 - 265V (4° - 6)	70W	14V / 2,5A (7° - 9) 14V / 2,5A (10° - 12) BIAS (3° - 2)	TOP245Y	132kHz	EN60950	Reinforced 4000Vrms

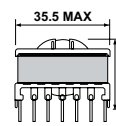
Typical Dimensions (mm)



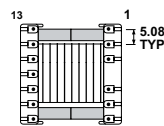
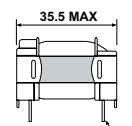
FSIT 25



Bottom View



FSIT 29



Bottom View