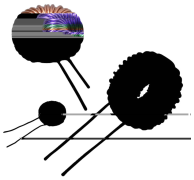
TFS Series
SMD Power Inductor



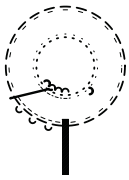
FEATURES

- Current loading up to 5A
- Iron powder cores with low losses
- Low magne cally leakage field
- Opera ng temperature: -25 to +125 °C
- Custom designs on request

APPLICATION

- Applica on in voltage transformers and power supplies
- For interference frequencies up to 10 MHz;for switching frequencies up to 100 KHz
- Perfect for filtering of symmetric interferences

Dimensions: [mm]



Electrical Properties:

R

Part No	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	L (μH)	I (A)	R (Ω)
TFS100515-120MT	10.0	5.0	15.0	1.0	4.0	0.5	12	1.0	0.030
TFS120615-240MT	12.0	5.5	15.0	1.0	4.5	0.5	24	1.0	0.045
TFS100615-320MT	10.0	5.5	15.0	1.0	4.0	0.5	32	1.0	0.045
TFS130615-360MT	13.0	6.0	15.0	1.0	5.0	0.3	36	0.4	0.400
TFS100515-370MT	9.5	4.5	15.0	1.0	4.0	0.3	37	0.4	0.120
TFS130715-430MT	13.0	6.5	15.0	1.0	4.5	0.5	43	1.0	0.060
TFS120515-560MT	11.5	5.0	15.0	1.0	4.0	0.3	56	0.4	0.180
TFS150815-680MT	15.0	7.5	15.0	1.0	6.5	0.5	68	1.0	0.080
TFS120615-680MT	12.0	5.5	15.0	1.0	4.5	0.4	68	0.8	0.100
TFS130615-111MT	13.0	5.5	15.0	1.0	5.0	0.3	110	0.4	0.230
TFS140815-141MT	13.5	8.0	15.0	1.0	6.0	0.5	140	1.0	0.110
TFS100615-141MT	9.5	6.0	15.0	1.0	4.0	0.3	140	0.4	0.260
TFS160820-151MT	16.0	8.0	20.0	1.0	7.0	0.5	150	1.0	0.130
TFS181025-221MT	17.5	9.5	25.0	1.0	8.5	0.5	220	1.0	0.150

Part No	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)			
TFS160915-221MT	15.8		15.0		7.0	0.5	220	1.0	0.160
TFS140815-221MT	14.0		15.0		6.0	0.4	220	0.8	0.220
TFS120615-241MT	11.5		15.0		4.5	0.3	240	0.4	0.380
TFS140615-361MT	13.5		15.0		5.0	0.3	360	0.4	0.450
TFS191015-471MT	18.5		15.0		9.0	0.5	470	1.0	0.225

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