



# SHENZHEN HIGHSTARTECH ELECTRONICS CO., LTD

## HSSFT SERIES

### 4 . PHYSICAL CHARACTERISTICS and ELECTRICAL CHARACTERISTICS:

<b>HSSFT0503 SERIES</b>				Rev.No.	A
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<b><u>I . CONFIGURATION&amp;DIMENSIONS:</u></b>					
				A:6.0±0.3	mm
				B:5.0±0.3	mm
				C:3.3±0.3	mm
				D:3.3±0.2	mm
				E:3.1typ	mm
				F:1.27typ	mm
G:0.4typ	mm				
<b><u>II ELECTRICAL CHARACTERISTIC:</u></b>				<b><u>III SCHEMATIC</u></b>	
ITEM	HSSFT0503-110	HSSFT0503-471	HSSFT0503-500		
OCL	11uH+50%—30%	470uH+50%—30%	50uH+50%-30%		
DCR	180mΩ max	350mΩ max	320mΩ max		
Rated voltage	80V max	80V max	80V max		
Rated current	300mA max	400mA max	350mA MAX		
HI-POT (N1-N2)	250V AC	250V AC	250V AC		
Operating temp range:-25℃----+125℃					
Storage temp range:-25℃----+85℃					
Test condition:25℃					

HSSFT SERIES

<b>HSSFT0902 SERIES</b>			Rev.No.	A
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<b><u>I .CONFIGURATION&amp;DIMENSIONS:</u></b>				
			A:7.8±0.3 mm	
			B:5.8±0.3 mm	
			C:2.1±0.3 mm	
			D:2.54±0.2 mm	
			E:0.8±0.1 mm	
			F:8.8±0.3 mm	
<b><u>II ELECTRICAL CHARACTERISTIC:</u></b>			<b><u>III SCHEMATIC</u></b>	
ITEM	HSSFT0902-110	Test condition		
OCL	11uH+50%—30%	100KHz/0.1V		
DCR	180mΩ max	at 20°C		
Rated voltage	80V max			
Rated current	300mA max			
HI-POT (N1-N2)	250V AC	3mA 1min		
Operating temp range:-40°C-----+125°C				
Storage temp range:-40°C-----+85°C				
Test condition:20°C				

## HSSFT SERIES

<b>HSSFT0905L SERIES</b>				Rev.No.	A
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<b><u>I .CONFIGURATION&amp;DIMENSIONS:</u></b>					
				A:9.2±0.3	mm
				B:6.0±0.3	mm
				C:5.0±0.3	mm
				D:2.49ref	mm
				E:5.32ref	mm
				F:1.92ref	mm
				G:0.6ref	mm
<b><u>II ELECTRICAL CHARACTERISTIC:</u></b>				<b><u>III SCHEMATIC</u></b>	
ITEM	HSSFT0905L-100	HSSFT0905L-250	HSSFT0905L-510		
OCL	10uH+50%-50%	25uH+50%-50%	51uH+50%-50%		
DCR	60mΩ max	200mΩ max	300mΩ max		
ITEM	HSSFT0905L-221	HSSFT0905L-102	HSSFT0905L-202	HSSFT0905L-472	
OCL	220uH+50%-50%	1000uH+50%-30%	2.0mH+50%-30%	4.7mH+50%-30%	
DCR	114mΩ max	310mΩ max	420mΩ max	900mΩ max	
Operating temp range:-25℃----+125℃				SFT0905L-652	
Storage temp range:-25℃----+85℃				6.5mH+50%-30%	
Test condition:25℃ 100k/0.1V				950mΩ max	