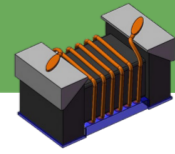


绕线片式铁氧体电感—AWL-FS 系列

Wire Wound Chip Ferrite Inductor—AWL-FS Series



工作温度
Operating Temp

◆ -40°C ~+125°C

特征
Features

- ◆ 小尺寸,可表面贴装
- ◆ 高精度、高可靠性
- ◆ AEC-Q200 认证
- ◆ 铁氧体材料感值大
- ◆ Small chip suitable for surface mounting
- ◆ High inductance tolerance and high reliability
- ◆ AEC-Q200 qualified
- ◆ Large inductance with ferrite material

用途
Applications

- ◆ 车载信息娱乐系统
- ◆ ADAS
- ◆ T-Box
- ◆ Infotainment system
- ◆ ADAS
- ◆ T-Box

产品型号

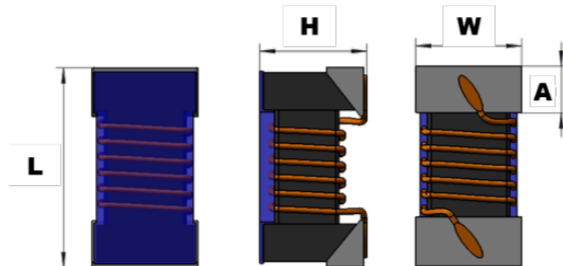
Product Identification

1	2	3	4	5	6	7	8	9
AWL	1608	F	S	R10	J	T	F	M01
1 分类 Type		2 外形尺寸 (L×W) (mm) External Dimensions (L×W) (mm)		3 类型 Code		4 特征代号 Feature Type		
AWL		1608 [0603]		F		S		
		1.6×0.8				Sn Plating One-face Coating		
						7 包装 Packing		
						T		
						编带 Tape & Reel		
						8 无有害物质产品 Hazardous Substance Free Products		
						F		
						5 公称电感量 Nominal Inductance		
						例子 Example		
						感值 Nominal Value		
						R10		
						100 nH		
						R21		
						210 nH		
						R27		
						270 nH		
						R33		
						330 nH		
						R39		
						390 nH		
						R47		
						470 nH		
						R56		
						560 nH		
						R65		
						650 nH		
						6 电感公差 Inductance Tolerance		
						J		
						±5%		
						K		
						±10%		
						M		
						±20%		
						9 内部代号 Internal Code		
						M01		
						Normal		

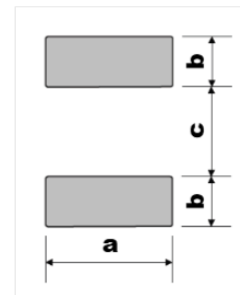
外观尺寸

Shape and Dimensions

AWL-FS



推荐焊盘 Recommended Land Pattern



单位 Unit: mm

Series	L	W	H	A	a _{REF.}	b _{REF.}	c _{REF.}
AWL1608FS	1.60±0.15	0.80±0.15	0.80±0.15	0.30±0.10	1.00	0.75	0.70

规格特性
Specifications

AWL1608FS Series

型号 Part Number	电感量 Inductance	公差 Tolerance	测试频率 L Test Freq.	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current	自谐频率 Min. Self- resonant Frequency
单位 Units	L	/	MHz	Ω	mA	MHz
符号 Symbol	nH	/	Freq	DCR	I _r	S.R.F
AWL1608FSR10 □ TFM01	100	K, M	10	0.100	1000	1260
AWL1608FSR21 □ TFM01	210	J, K, M	10	0.150	800	720
AWL1608FSR27 □ TFM01	270	J, K, M	10	0.160	750	660
AWL1608FSR33 □ TFM01	330	J, K, M	10	0.250	630	600
AWL1608FSR39 □ TFM01	390	J, K, M	10	0.280	620	570
AWL1608FSR47 □ TFM01	470	J, K, M	10	0.450	500	555
AWL1608FSR56 □ TFM01	560	J, K, M	10	0.480	450	540
AWL1608FSR65 □ TFM01	650	J, K, M	10	0.520	430	510

※ □ : 请具体说明电感值公差代码 (J=±5%, K=±10%, M=±20%)。

※ □ : Please specify the inductance tolerance code (J=±5%, K=±10%, M=±20%).