




















	Multilayer Technology	Wire Wound Technology	Molding technology	Assembling Technology
Ferrite	<p>MCL-S/H/A (Size:1608-2520) Choke circuits in DC power line.</p> 	<p>SWPA (Size:252010-808065) DC-DC converter circuits for smart phone, TV, STB, NB, VR, AR, LED</p> 		<p>AMWPS (Size:606045-707045) Good current performance, Satisfied with AEC-Q200D G0</p> 
	<p>MPH-S/H/U/C (Size:160805-252012) No cross coupling due to magnetic shield, Excellent solderability and high heat resistance</p> 	<p>SPH (Size:201610-808030) DC-DC converter circuits for smart phone, Portable gaming devices, personal multimedia devices</p> 		<p>WPZ (Size:1306~3315) Ultra-large current & High resistance accuracy</p> 
		<p>ASWPA (Size:201610-808050) Low cost, Good performance, satisfied with AEC-Q200D G1</p> 		<p>AMWPQ (Size:2815~2818) Ultra-large current & High resistance accuracy Satisfied with AEC-Q200D G0</p> 
Metal	<p>MPM-S/U/H (Size:201206-252012) Higher DC bias current and lower DC resistance, Excellent solderability and high heat resistance</p> 	<p>WPN-H/M (Size:201610-404020) Large current & Low DCR</p> 	<p>MWSC  (Size:4010~1206) Ultra-high current & Low DCR</p> 	<p>AWPE (Size:606045-101004) Excellent temp. characteristics, Satisfied with AEC-Q200D G0</p> 
		<p>WPN-HS/E (Size:201610-404012) Specifically for backlighting and Charger</p> 	<p>MWTC  (Size:2012065~252010) Ultra-high current & Small Size</p> 	
		<p>WPN-U/UF Size:201608-322510) Ultra-high current & Low DCR</p> 	<p>MWTX  (Size:2012065-1206) Ultra-high current & High reliability</p> 	

	制程平台			
平台	叠层平台	绕线平台	模压平台	组装平台
图片				
磁芯材料	镍锌铁氧体、铁基合金粉	镍锌铁氧体、铁基合金粉	铁基合金粉、羰基铁粉	锰锌铁氧体
产品系列	MCL、MPH、MPM Series	SWPA、SPH、WPL、WPN Series	MWSC Series	WPZ Series
电感量范围	0.04~10 μ H	0.05~10000 μ H	0.82~22 μ H	20~1000nH
厚度	0.5~1.25mm	1.0~6.5mm	2.4~3.0mm	3.1~9.0mm
特征	<ul style="list-style-type: none"> ● 小封装、低厚度 ● 低成本 ● 磁屏蔽 	<ul style="list-style-type: none"> ● 电感量范围宽 ● 高饱和电流 ● 低内阻 ● 磁屏蔽 	<ul style="list-style-type: none"> ● 高饱和电流 ● 低内阻 ● 磁屏蔽 	<ul style="list-style-type: none"> ● 高通流 ● 高DCR精度 ● 磁屏蔽
应用	小电流的Buck、Boost，扼流，滤波	大电流的Buck、Boost，储能滤波	大电流的Buck，储能滤波	服务器多相供电

外观	系列	尺寸 mm(inch)	电感范围 (μ H)	饱和电流 (mA)	温升电流 (mA)
	MCL2012A	2012 [0805]	2.2-4.7	180-300	850-1300
	MCL2016A	2016 [0806]	1.0-2.2	600-900	850-1100
	MCL2520A	2520 [1008]	2.2-4.7	250-500	950-1400
	MPH1608S	1608 [0603]	0.22-4.7	65-1350	700-1250
	MPH2012S	2012 [0805]	0.22-10.0	230-1200	600-1600
	MPH2016S	2016 [0806]	0.47-10.0	170-1350	1100-1500
	MPH2520S/C	2520 [1008]	0.47-10	210-1750	700-2100
	MPM2012S	2012 [0805]	0.33-0.68	1500-2800	1400-1900
	MPM2016S	2016 [0806]	0.04-1.0	1500-8000	1700-6000
	MPM2520S	2520 [1008]	0.22-2.2	1300-4000	1300-3000

MPM系列采用铁合金材料，具有优异的耐电流能力。

顺络绕线功率电感

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外观	系列	尺寸 (mm)	电感范围 (μ H)	饱和电流 (A)	温升电流 (A)
	SWPA252010S	2.5*2.0*1.0	0.47-10	0.65-2.9	0.50-2.35
	SWPA252012S	2.5*2.0*1.2	0.47-22	0.53-3.82	0.38-2.15
	SWPA3010S	3.0*3.0*1.0	1.00-56	0.21-1.4	0.24-1.45
	SWPA3012S	3.0*3.0*1.2	0.22-100	0.17-5.3	0.25-3.00
	SWPA3015S	3.0*3.0*1.5	0.5-150	0.18-3.90	0.19-2.60
	SWPA4010S	4.0*4.0*1.0	1.00-22	0.45-2.00	0.50-1.90
	SWPA4012S	4.0*4.0*1.2	0.82-100	0.25-3.02	0.25-1.65
	SWPA4018S	4.0*4.0*1.8	0.47-220	0.27-4.90	0.17-4.00
	SWPA4020S	4.0*4.0*2.0	0.24-100	0.48-10.5	0.31-4.50
	SWPA4026S	4.0*4.0*2.6	1.00-47	0.40-3.30	0.65-3.00
	SWPA4030S	4.0*4.0*3.0	0.68-680	0.19-6.80	0.14-4.56

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外观	系列	尺寸 (mm)	电感范围 (μ H)	饱和电流 (mA)	温升电流 (mA)
	SWPA5012S	5.0*5.0*1.2	0.22-22	0.88-8.10	0.60-3.00
	SWPA5020S	5.0*5.0*2.0	0.22-200	0.30-9	0.40-5.30
	SWPA5040S	5.0*5.0*4.0	0.22-10000	0.065-18	0.075-6.50
	SWPA5045S	5.0*5.0*4.5	2.2-22	2.00-6.4	1.55-4.70
	SWPA6020S	6.0*6.0*2.0	0.50-330	0.27-4.50	0.33-4.00
	SWPA6028S	6.0*6.0*2.8	0.82-1000	0.18-6.50	0.23-5.20
	SWPA6040S	6.0*6.0*4.0	1.0-470	0.42-7.85	0.47-6.30
	SWPA6045S	6.0*6.0*4.5	0.47-15000	0.09-15.0	0.06-6.50
	SWPA8040S	8.0*8.0*4.0	0.82-1500	0.32-13.80	0.26-6.30
	SWPA8050S	8.0*8.0*5.0	1000-10000	0.09-0.70	0.11-0.33
	SWPA8060S	8.0*8.0*6.0	680-5000	0.27-0.72	0.18-0.46
	SWPA8065S	8.0*8.0*6.5	1.0-10000	0.20-20.0	0.13-7.00

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外观	系列	尺寸 (mm)	电感范围 (μ H)	饱和电流 (A)	温升电流 (A)
	SPH201610	2.0*1.6*1.0	0.05-10	0.50-7.50	0.45-3.65
	SPH202012	2.0*2.0*1.2	0.16-33	0.35-5.20	0.30-2.50
	SPH252010	2.5*2.0*1.0	0.24-33	0.25-3.80	0.40-2.75
	SPH252012	2.5*2.0*1.2	0.16-47	0.25-6.50	0.30-4.05
	SPH3012	3.0*3.0*1.2	1.0-22	0.50-2.80	0.50-2.30
	SPH3015	3.0*3.0*1.5	0.22-47	0.35-6.00	0.45-3.00
	SPH4012	4.0*4.0*1.2	1.0-100	0.25-2.80	0.36-2.20
	SPH4018	4.0*4.0*1.8	0.33-330	0.26-6.50	0.20-4.20
	SPH4020	4.0*4.0*2.0	0.33	7.50	3.30
	SPH4030	4.0*4.0*3.0	0.10-0.47	8.20-17.00	3.90-4.60
	SPH8030	8.0*8.0*3.0	1.0-47	1.10-7.80	1.30-6.20

外观	系列	尺寸 (mm)	电感范围 (μ H)	饱和电流 (A)	温升电流 (A)
	WPN201610	2.0*1.6*1.0	0.12-10	0.8-9.5	0.65-5.6
	WPN201612	2.0*2.0*1.2	0.24-2.2	1.70-5.85	1.80-4.50
	WPN252010	2.5*2.0*1.0	0.16-10	0.90-10	0.8-6.7
	WPN252012	2.5*2.0*1.2	0.24-10	1.10-8.00	0.85-4.5
	WPN3010	3.0*3.0*1.0	10	1.00	1.20
	WPN3012	3.0*3.0*1.2	1.5-15	1.20-3.40	1.00-2.50
	WPN4010	4.0*4.0*1.0	10	1.40	1.40
	WPN4012	4.0*4.0*1.2	0.33-22	1.05-10.3	0.9-4.30
	WPN4020	4.0*4.0*2.0	0.22-10	2.80-18.70	2.00-8.20

WPN系列采用铁合金材料，具有优异的耐电流能力。

顺络功率电感电性比较

252012及以下尺寸不同磁芯材料的电性对比

电感量 (μH)

