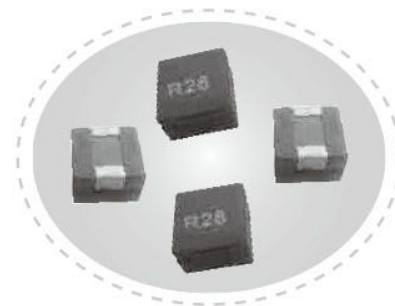


SDPA SERIES

SMD Type Ultra High Current Power Inductor.



FEATURES

1. Lowest height in this package footprint.
2. Shielded construction.
3. Lowest DCR/ μH , in this package size.
4. Designed for higher speed switch mode applications, requiring lower inductance and high current.
5. The products contain no lead and also support lead-free soldering.

特征

1. 同尺寸高度最低。
2. 遮蔽式电感结构。
3. 同尺寸直流阻抗最低。
4. 适用于需求低电感值，高电流的高速电源线路应用。
5. 产品无铅适合无铅焊锡。

APPLICATIONS

Excellent for power line DC-DC conversion applications used in power switching, personal computers and other handheld electronic equipment.

应用

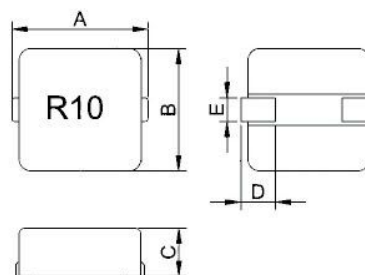
适合用于电源供应器、个人电脑和其他掌上型电子设备中电源线路上直流对直流整流的应用。

ORDERING CODE (标志示例)

SDPA	0605	—	R10	N
(1)	(2)		(3)	(4)

- | | |
|-----------------------------|-------|
| (1) Type | 类型 |
| (2) Dimension | 尺寸 |
| (4) Inductance | 电感量 |
| (5) Inductance Tolerance | 电感量公差 |
| M: $\pm 20\%$ N: $\pm 30\%$ | |

SHAPE AND DIMENSIONS (形状尺寸)



Unit:mm

TYPE	A	B	C	D	E
SDPA 0605	7.2 max.	6.8 max.	5.0 max.	1.5 \pm 0.5	2.5 \pm 0.5
SDPA 1005	10.2 max.	6.8 max.	5.0 max.	1.5 \pm 0.5	2.5 \pm 0.5
SDPA 1040	12.5 max.	11.00 max.	4.0 max.	2.5 \pm 0.5	3.0 \pm 0.5
SDPA 1208	13.46 max.	12.95 max.	8.0 max.	2.54 \pm 0.5	5.0 \pm 0.5



SDPA0605 SERIES

Part No. 品名	Inductance (μ H) 电感量	Test Frequency (MHz) 测试频率	D.C.R(m Ω) (Max.) 直流电阻 (最大)	Rated Current(A) (Max) 额定电流 (最大)
SDPA 0605-R10N	0.10 μ H \pm 30%	1MHz	0.5	30
SDPA 0605-R15N	0.15 μ H \pm 30%	1MHz	0.5	24
SDPA 0605-R20N	0.20 μ H \pm 30%	1MHz	0.5	19

SDPA1005 SERIES

Part No. 品名	Inductance (μ H) 电感量	Test Frequency (MHz) 测试频率	D.C.R(m Ω) (Max.) 直流电阻 (最大)	Rated Current(A) (Max) 额定电流 (最大)
SDPA 1005-R10M	0.10 μ H \pm 20%	1MHz	0.65	40
SDPA 1005-R15M	0.15 μ H \pm 20%	1MHz	0.65	40
SDPA 1005-R20M	0.20 μ H \pm 20%	1MHz	0.65	30

SDPA1040 SERIES

Part No. 品名	Inductance (μ H) 电感量	Test Frequency (MHz) 测试频率	D.C.R(m Ω) (Max.) 直流电阻 (最大)	Rated Current(A) (Max) 额定电流 (最大)
SDPA 1040-R78M	0.78 μ H \pm 20%	500KHz	1.7	25
SDPA 1040-1R0M	1.0 μ H \pm 20%	500KHz	2.5	21
SDPA 1040-1R8M	1.8 μ H \pm 20%	500KHz	5.0	15
SDPA 1040-2R0M	2.0 μ H \pm 20%	500KHz	5.8	14
SDPA 1040-2R2M	2.2 μ H \pm 20%	500KHz	6.3	16

SDPA1208 SERIES

Part No. 品名	Inductance (μ H) 电感量	Test Frequency (MHz) 测试频率	D.C.R(m Ω) (Max.) 直流电阻 (最大)	Rated Current(A) (Max) 额定电流 (最大)
SPDA 1208-R15N	0.15 μ H \pm 30%	500KHz	0.60	50
SPDA 1208-R21M	0.21 μ H \pm 20%	500KHz	0.60	45
SPDA 1208-R26M	0.26 μ H \pm 20%	500KHz	0.60	40
SPDA 1208-R32M	0.32 μ H \pm 20%	500KHz	0.60	40
SPDA 1208-R44M	0.44 μ H \pm 20%	500KHz	0.60	28