

SPECIFICATIONS

Customer	
Product Name	Mini Moding Power Choke
Lineprinting Part Number	Mini PC Series
Customer Part Number	

Approved By	Checked By	Issued By
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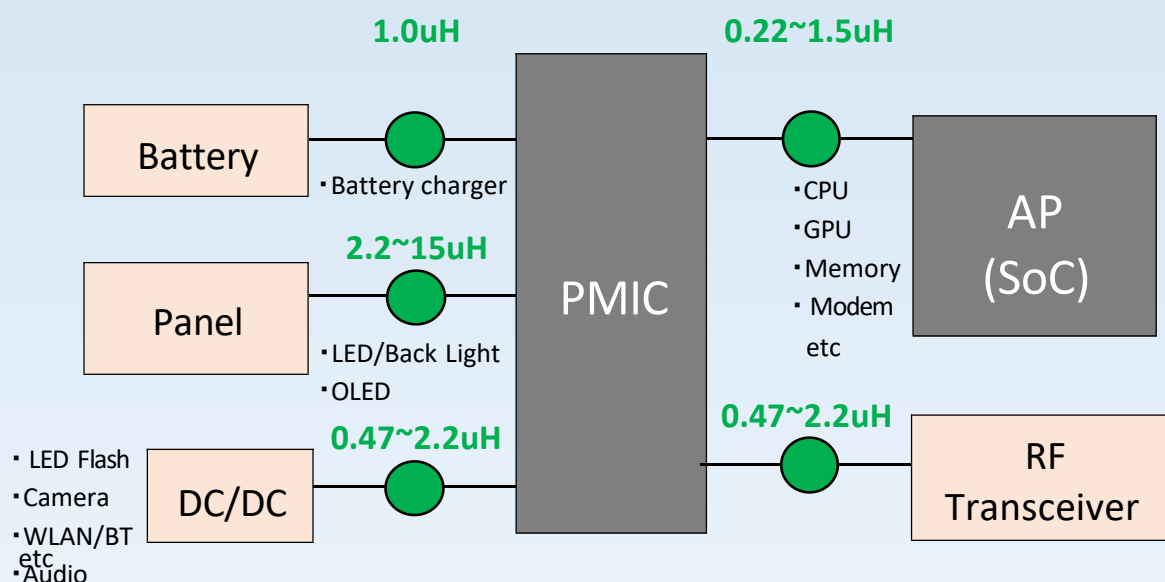
www.southshu.com

Features

- High magnetic flux saturation density characteristics by metal magnetic material.
- Low DC resistance by flat wire and achieve high conversion efficiency and lower temperature rising.
- Magnetically shielded structure to accomplish high resolution in EMC protection.
- High mounting stability due to Chip shape.
- High reliability by original structure.
- Halogen free, Lead free, RoHS Compliance.

Example of use

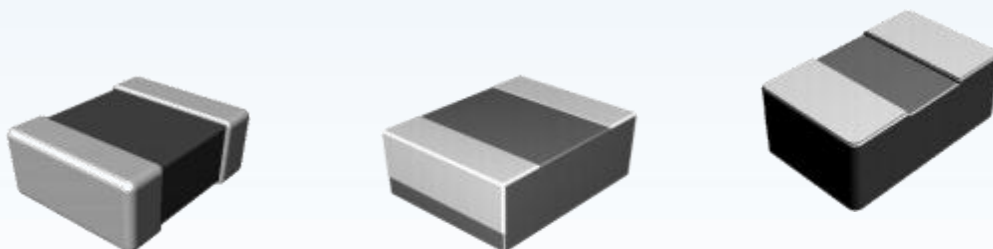
- Smartphone/Tablet/Smart speaker



- **Other equipment**

Ideal for power circuits such as DC / DC converters.

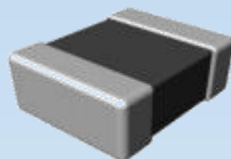
(Mobile display panes, Game machine, HDD/SSD, DVS/DSC · · ·)



METAL POWER INDUCTOR

SHINGI PRODUCTS **LINEUP 2024**

5面电极系列



◆ Size code : MPA_series ----- P. 1/14

- MPA322520D
- MPA252012D
- MPA252010D
- MPA201612D
- MPA201610D

◆ Size code : 322520_series ----- P. 2/14

- MPB322520D

◆ Size code : 252010_series ----- P. 3/14

- MPS252010C
- MPB252010G
- MPB252010R
- MPB252010D

◆ Size code : 252012_series ----- P. 4/14

MPS252012C

- MPB252012G
- MPB252012R
- MPB252012D

◆ Size code : 201610_series ----- P. 5/14

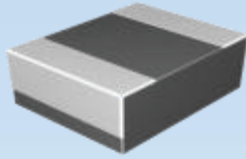
- MPB201610G
- MPB201610D
- MPB201610P

◆ Size code : 201612_series ----- P. 6/14

METAL POWER INDUCTOR

SHINGI PRODUCTS **LINEUP 2024**

L型电极系列



- ◆ Size code : 252010_series ----- P. 7/14
 - LPB252010D
 - LPB252010E
 - HPB252010H

- ◆ Size code : 252012_series ----- P. 8/14
 - LPB252012D
 - HPB252012H

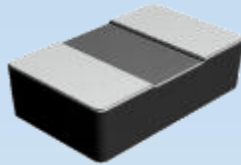
- ◆ Size code : 201610_series ----- P. 9/14
 - LPB201610D
 - LPB201610D
 - LPB201610E
 - HPB201610H

- ◆ Size code : 201612_series ----- P. 10/14
 - HPB201612H

METAL POWER INDUCTOR

SHINGI PRODUCTS **LINEUP 2024**

底面电极系列



- ◆ Size code : 3225_series ----- P. 11/14
 - BPS322512

- ◆ Size code : 2012_series ----- P. 12/14
 - BPS201208H
 - BPS201210H
 - BPS201208W
 - BPS201210W
 - BPS201212W

- ◆ Size code : 1608_series ----- P. 13/14
 - BPS160808H
 - BPS160808W

- ◆ Size code : 1412_series ----- P. 14/14
 - BPS1412065W
 - BPS141208W

Size code : MPA__series

MPA322520D

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPA322520D-1R0M-T0	1.0	±20%	22 [18]	7.5 [8.2]	4.1 [4.8]	
MPA322520D-1R5M-T0	1.5	±20%	31 [25]	6.0 [6.5]	3.4 [4.0]	
MPA322520D-2R2M-T0	2.2	±20%	46 [37]	5.0 [5.4]	2.9 [3.4]	
MPA322520D-3R3M-T0	3.3	±20%	65 [52]	4.2 [4.5]	2.3 [2.7]	
MPA322520D-4R7M-T0	4.7	±20%	98 [80]	3.4 [3.6]	2.0 [2.4]	

Max.[Typ.]

MPA252012D

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPA252012D-R33M-T0	0.33	±20%	23 [20]	6.0 [7.0]	4.6 [5.0]	
MPA252012D-R47M-T0	0.47	±20%	27 [24]	5.2 [6.2]	4.0 [4.4]	
MPA252012D-R68M-T0	0.68	±20%	37 [32]	4.3 [4.7]	3.5 [3.9]	
MPA252012D-1R0M-T0	1.0	±20%	42 [38]	3.8 [4.1]	3.2 [3.6]	
MPA252012D-1R5M-T0	1.5	±20%	60 [54]	3.3 [3.6]	2.6 [2.9]	
MPA252012D-2R2M-T0	2.2	±20%	84 [78]	2.8 [3.0]	2.2 [2.4]	
MPA252012D-3R3M-T0	3.3	±20%	140 [120]	2.1 [2.3]	1.7 [1.9]	
MPA252012D-4R7M-T0	4.7	±20%	200 [170]	1.9 [2.1]	1.4 [1.6]	

MPA252012D-100M-T0 10 ±20% 515 [430] 1.4 [1.6] 0.8 [1.0]

Max.[Typ.]

MPA252010D

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPA252010D-R33M-T0	0.33	±20%	26 [21]	5.8 [6.9]	4.4 [5.5]	
MPA252010D-R47M-T0	0.47	±20%	30 [24]	5.1 [6.1]	3.9 [4.9]	
MPA252010D-1R0M-T0	1.0	±20%	50 [43]	3.8 [4.5]	3.2 [4.0]	
MPA252010D-1R5M-T0	1.5	±20%	77 [67]	3.1 [3.5]	2.40 [2.95]	
MPA252010D-2R2M-T0	2.2	±20%	97 [84]	2.8 [3.1]	2.2 [2.55]	
MPA252010D-3R3M-T0	3.3	±20%	170 [146]	2.1 [2.4]	1.4 [1.75]	
MPA252010D-4R7M-T0	4.7	±20%	248 [213]	1.8 [2.1]	1.25 [1.55]	
MPA252010D-6R8M-T0	6.8	±20%	368 [319]	1.5 [1.8]	1.1 [1.35]	

MPA252010D-100M-T0 10 ±20% 517 [456] 1.2 [1.5] 0.85 [1.05]

Max.[Typ.]

MPA201612D

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPA201612D-R15M-T0	0.15	±20%	18 [15]	6.2 [7.2]	5.2 [5.7]	
MPA201612D-R24M-T0	0.24	±20%	22 [19]	5.0 [5.9]	4.0 [4.4]	
MPA201612D-R33M-T0	0.33	±20%	26 [22]	4.5 [5.2]	3.8 [4.2]	
MPA201612D-R47M-T0	0.47	±20%	32 [27]	3.8 [4.5]	3.2 [3.6]	
MPA201612D-R68M-T0	0.68	±20%	46 [35]	3.1 [3.6]	2.5 [2.8]	
MPA201612D-1R0M-T0	1.0	±20%	60 [50]	2.7 [3.2]	2.2 [2.4]	
MPA201612D-1R5M-T0	1.5	±20%	98 [82]	2.0 [2.3]	1.7 [1.9]	
MPA201612D-2R2M-T0	2.2	±20%	172 [140]	1.7 [1.9]	1.2 [1.4]	

Max.[Typ.]

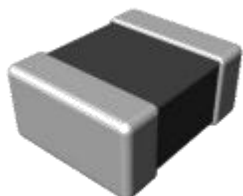
MPA201610D

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPA201610D-R24M-T0	0.24	±20%	25 [20]	5.0 [6.0]	4.10 [4.8]	
MPA201610D-R33M-T0	0.33	±20%	30 [24]	4.6 [5.6]	3.90 [4.6]	
MPA201610D-R47M-T0	0.47	±20%	38 [31]	4.0 [4.7]	3.30 [3.8]	
MPA201610D-R68M-T0	0.68	±20%	46 [37]	3.6 [4.2]	2.95 [3.5]	
MPA201610D-R82M-T0	0.82	±20%	58 [47]	3.0 [3.6]	2.70 [3.2]	
MPA201610D-1R0M-T0	1.0	±20%	72 [58]	2.9 [3.4]	2.60 [3.0]	
MPA201610D-1R5M-T0	1.5	±20%	105 [84]	2.3 [2.7]	2.00 [2.3]	
MPA201610D-2R2M-T0	2.2	±20%	175 [140]	1.8 [2.1]	1.60 [1.9]	
MPA201610D-3R3M-T0	3.3	±20%	230 [185]	1.6 [1.8]	1.20 [1.45]	
MPA201610D-4R7M-T0	4.7	±20%	370 [230]	1.3 [1.55]	1.00 [1.15]	

MPA201610D-6R8M-T0 6.8 ±20% 600 [480] 1.1 [1.3] 0.70 [0.80]

Max.[Typ.]

製品外観



Size code : 322520__series

MPB322520D

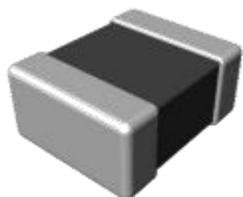
品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPB322520D-R47M-T0	0.47	±20%	20 [16]	8.8 [9.8]	6.0 [7.0]	
MPB322520D-1R0M-T0	1.0	±20%	25 [20]	7.3 [8.2]	4.1 [4.8]	
MPB322520D-1R5M-T0	1.5	±20%	33 [27]	5.8 [6.5]	3.4 [4.0]	
MPB322520D-2R2M-T0	2.2	±20%	46 [37]	4.8 [5.4]	2.9 [3.4]	
MPB322520D-3R3M-T0	3.3	±20%	65 [52]	4.0 [4.5]	2.3 [2.7]	
MPB322520D-4R7M-T0	4.7	±20%	98 [80]	3.2 [3.65]	2.0 [2.4]	

Max.[Typ.]

MPB322512W

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPB322512W-R68M-T0	0.68	±20%	15 [12]	7.5 [8.0]	6.5 [7.0]	有涂层

製品外観



Size code : 252010__series

MPS252010C

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPS252010C-R24M-T	0.24	±20%	32 [25]	4.6 [5.8]	3.8 [4.5]	
MPS252010C-R47M-T	0.47	±20%	46 [35]	3.5 [4.4]	3.1 [3.6]	
MPS252010C-R68M-T	0.68	±20%	55 [42]	3.0 [3.6]	2.9 [3.3]	
MPS252010C-1R0M-T	1.0	±20%	78 [60]	2.7 [3.4]	2.5 [3.0]	
MPS252010C-1R5M-T	1.5	±20%	108 [90]	2.1 [2.7]	1.9 [2.3]	
MPS252010C-2R2M-T	2.2	±20%	156 [130]	1.9 [2.4]	1.5 [1.8]	
MPS252010C-3R3M-T	3.3	±20%	228 [195]	1.5 [1.9]	1.2 [1.4]	
MPS252010C-4R7M-T	4.7	±20%	300 [250]	1.3 [1.6]	1.0 [1.2]	
MPS252010C-6R8M-T	6.8	±20%	516 [415]	1.1 [1.4]	0.76 [0.9]	

Max.[Typ.]

MPB252010G

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPB252010G-R22N-T1	0.22	±30%	23 [18.5]	6.6 [7.5]	4.6 [5.4]	
MPB252010G-R33M-T1	0.33	±20%	27 [22.5]	6.5 [7.4]	4.2 [4.9]	
MPB252010G-R47M-T1	0.47	±20%	31 [25.5]	5.0 [6.2]	3.9 [4.6]	
MPB252010G-R62M-T1	0.62	±20%	38 [32]	5.0 [6.0]	3.5 [4.1]	
MPB252010G-R68M-T1	0.68	±20%	38 [32]	4.1 [5.0]	3.5 [4.1]	
MPB252010G-1R0M-T1	1.0	±20%	53 [44]	3.8 [4.3]	3.1 [3.8]	
MPB252010G-1R5M-T1	1.5	±20%	81 [68]	3.2 [3.6]	2.3 [2.8]	
MPB252010G-2R2M-T1	2.2	±20%	110 [92]	2.4 [2.8]	2.0 [2.5]	
MPB252010G-3R3M-T1	3.3	±20%	193 [160]	2.0 [2.3]	1.4 [1.6]	
MPB252010G-4R7M-T1	4.7	±20%	274 [228]	1.65 [2.0]	1.2 [1.45]	
MPB252010G-6R8M-T1	6.8	±20%	426 [370]	1.4 [1.65]	0.95 [1.1]	

Max.[Typ.]

MPB252010R

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPB252010R-100M-T1	10	±20%	650 [565]	1.0 [1.3]	0.75 [0.88]	

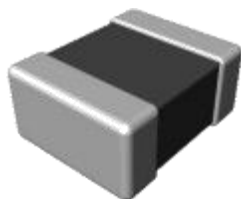
Max.[Typ.]

MPB252010D

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPB252010D-R33M-TW0	0.33	±20%	23 [19]	6.4 [7.30]	4.8 [5.5]	
MPB252010D-R47M-TW0	0.47	±20%	27 [22]	5.6 [6.40]	4.2 [4.9]	
MPB252010D-1R0M-T0	1.0	±20%	45 [39]	4.2 [4.70]	3.4 [4.0]	
MPB252010D-1R5M-T0	1.5	±20%	70 [61]	3.4 [3.70]	2.55 [2.95]	
MPB252010D-2R2M-T0	2.2	±20%	97 [84]	2.8 [3.10]	2.2 [2.55]	
MPB252010D-3R3M-T0	3.3	±20%	155 [133]	2.3 [2.55]	1.5 [1.75]	
MPB252010D-4R7M-T0	4.7	±20%	225 [194]	2.0 [2.2]	1.35 [1.55]	
MPB252010D-6R8M-T0	6.8	±20%	335 [290]	1.65 [1.85]	1.2 [1.35]	
MPB252010D-100M-T0	10	±20%	470 [415]	1.35 [1.55]	0.9 [1.05]	

Max.[Typ.]

製品外観



Size code : 252012__series

MPS252012C

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPS252012C-R33M-T	0.33	±20%	32 [26]	4.9 [5.8]	4.0 [4.7]	
MPS252012C-R47M-T	0.47	±20%	39 [29]	3.8 [4.7]	3.7 [4.4]	
MPS252012C-1R0M-T	1.0	±20%	59 [45]	3.0 [3.8]	3.0 [3.5]	
MPS252012C-1R5M-T	1.5	±20%	72 [60]	2.6 [3.3]	2.4 [2.8]	
MPS252012C-2R2M-T	2.2	±20%	108 [90]	2.2 [2.7]	2.0 [2.3]	
MPS252012C-3R3M-T	3.3	±20%	144 [120]	1.8 [2.3]	1.5 [1.7]	
MPS252012C-4R7M-T	4.7	±20%	240 [200]	1.5 [1.9]	1.3 [1.5]	
MPS252012C-6R8M-T	6.8	±20%	375 [310]	1.3 [1.6]	1.0 [1.2]	

Max.[Typ.]

MPB252012G

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPB252012G-R22M-T1	0.22	±20%	20 [15]	7.3 [8.9]	5.0 [5.9]	
MPB252012G-R33M-T1	0.33	±20%	24 [18.5]	6.9 [8.0]	4.7 [5.55]	
MPB252012G-R47M-T1	0.47	±20%	26 [21.5]	5.5 [6.6]	4.5 [5.5]	
MPB252012G-R62M-T1	0.62	±20%	30 [25]	5.4 [6.5]	4.4 [5.5]	
MPB252012G-R68M-T1	0.68	±20%	30 [25]	4.8 [5.7]	4.4 [5.5]	
MPB252012G-1R0M-T1	1.0	±20%	46 [38]	4.7 [5.3]	3.2 [4.0]	
MPB252012G-1R5M-T1	1.5	±20%	68 [57]	3.8 [4.6]	2.5 [3.1]	
MPB252012G-2R2M-T1	2.2	±20%	95 [79]	3.1 [3.4]	2.2 [2.7]	
MPB252012G-3R3M-T1	3.3	±20%	157 [131]	2.3 [2.7]	1.7 [2.1]	
MPB252012G-4R7M-T1	4.7	±20%	212 [177]	2.0 [2.3]	1.4 [1.75]	
MPB252012G-6R8M-T1	6.8	±20%	340 [285]	1.7 [2.05]	1.1 [1.4]	

Max.[Typ.]

MPB252012R

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPB252012R-100M-T1	10	±20%	450 [400]	1.1 [1.4]	0.88 [1.1]	

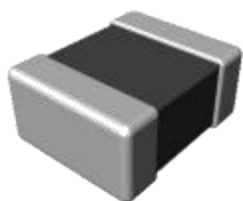
Max.[Typ.]

MPB252012D

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPB252012D-R22M-T0	0.22	±20%	20 [15]	8.1 [9.0]	5.1 [6.00]	
MPB252012D-R33M-T0	0.33	±20%	22.5 [18]	7.0 [7.8]	4.8 [5.60]	
MPB252012D-R47M-T0	0.47	±20%	26 [21.5]	6.1 [6.8]	4.4 [5.15]	
MPB252012D-R68M-T0	0.68	±20%	31 [25]	5.4 [6.0]	3.9 [4.60]	
MPB252012D-R82M-T0	0.82	±20%	35 [30]	4.9 [5.5]	3.6 [4.30]	
MPB252012D-1R0M-T0	1.0	±20%	42 [35]	4.5 [5.0]	3.5 [4.10]	
MPB252012D-1R5M-T0	1.5	±20%	63 [55]	3.6 [4.0]	2.7 [3.10]	
MPB252012D-2R2M-T0	2.2	±20%	86 [75]	3.1 [3.4]	2.3 [2.70]	
MPB252012D-3R3M-T0	3.3	±20%	133 [115]	2.5 [2.75]	1.9 [2.20]	
MPB252012D-4R7M-T0	4.7	±20%	195 [170]	2.1 [2.25]	1.5 [1.75]	
MPB252012D-6R8M-T0	6.8	±20%	305 [265]	1.7 [1.85]	1.2 [1.40]	
MPB252012D-100M-T0	10	±20%	414 [360]	1.4 [1.55]	0.9 [1.05]	

Max.[Typ.]

製品外観



Size code : 201610__series

MPB201610G

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPB201610G-R47M-T1	0.47	±20%	30 [26.5]	4.6 [5.4]	4.0 [4.5]	
MPB201610G-1R0M-T1	1.0	±20%	63 [55]	3.0 [3.5]	2.7 [3.0]	
MPB201610G-1R5M-T1	1.5	±20%	85 [74]	2.4 [2.8]	2.2 [2.5]	
MPB201610G-2R2M-T1	2.2	±20%	122 [106]	1.8 [2.1]	2.0 [2.3]	

Max.[Typ.]

MPB201610D

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPB201610D-R56M-TW0	0.56	±20%	53 [44]	3.4 [4.0]	2.8 [3.30]	
MPB201610D-R68M-TW0	0.68	±20%	43 [36]	4.3 [4.8]	3.1 [3.65]	
MPB201610D-1R0M-TW0	1.0	±20%	57 [48]	3.6 [4.1]	2.9 [3.40]	
MPB201610D-2R2M-TW0	2.2	±20%	132 [115]	2.2 [2.5]	1.9 [2.20]	

MPB201610D-100M-TR0	10	±20%	780 [680]	1.0 [1.15]	0.65 [0.75]	
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Max.[Typ.]

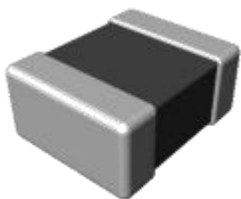
MPB201610P

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPB201610P-R24M-T1	0.24	±20%	23.5 [19.5]	6.10 [7.2]	4.25 [5.0]	
MPB201610P-R33M-T1	0.33	±20%	27 [22.5]	5.75 [6.8]	4.05 [4.75]	
MPB201610P-R47M-T1	0.47	±20%	34 [29.5]	4.90 [5.8]	3.65 [4.2]	
MPB201610P-R68M-T1	0.68	±20%	43 [36]	3.65 [4.3]	3.10 [3.65]	
MPB201610P-R82M-T1	0.82	±20%	53 [45]	3.50 [4.1]	2.80 [3.3]	
MPB201610P-1R0M-T1	1.0	±20%	62 [54]	3.40 [4.0]	2.70 [3.1]	
MPB201610P-1R5M-T1	1.5	±20%	89 [77]	2.70 [3.2]	2.15 [2.45]	
MPB201610P-2R2M-T1	2.2	±20%	147 [125]	2.35 [2.8]	1.70 [2.0]	
MPB201610P-3R3M-T1	3.3	±20%	200 [170]	1.70 [2.0]	1.35 [1.6]	
MPB201610P-4R7M-T1	4.7	±20%	318 [270]	1.55 [1.85]	1.05 [1.25]	

MPB201610P-6R8M-T1	6.8	±20%	485 [410]	1.25 [1.5]	0.75 [0.88]	
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Max.[Typ.]

製品外観



Size code : 201612__series

MPB201612D

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPB201612D-R24M-TW0	0.24	±20%	25 [20]	6.5 [7.05]	4.8 [5.6]	
MPB201612D-R47M-TW0	0.47	±20%	33 [27]	5.1 [5.65]	4.3 [5.1]	
MPB201612D-1R0M-TW0	1.0	±20%	54 [45]	3.7 [4.05]	2.9 [3.4]	
MPB201612D-1R5M-TW0	1.5	±20%	76 [66]	2.9 [3.30]	2.3 [2.7]	
MPB201612D-2R2M-TW0	2.2	±20%	125 [108]	2.3 [2.60]	1.7 [2.1]	
MPB201612D-4R7M-TW0	4.7	±20%	270 [235]	1.7 [1.90]	1.1 [1.3]	

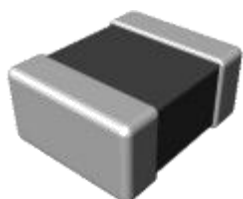
Max.[Typ.]

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
MPB201612D-R24M-T2	0.24	±20%	23 [19]	6.5 [7.05]	4.8 [5.6]	
MPB201612D-R47M-T2	0.47	±20%	29.5 [25.5]	5.1 [5.65]	4.3 [5.1]	
MPB201612D-R68M-T2	0.68	±20%	33 [27]	4.3 [5.00]	3.5 [4.2]	
MPB201612D-1R0M-T2	1.0	±20%	48 [43]	3.7 [4.05]	2.9 [3.4]	
MPB201612D-1R5M-T2	1.5	±20%	72 [62]	2.9 [3.30]	2.3 [2.7]	
MPB201612D-2R2M-T2	2.2	±20%	116 [100]	2.3 [2.60]	1.8 [2.1]	

MPB201612D-4R7M-T2 4.7 ±20% 252 [219] 1.7 [1.90] 1.2 [1.4]

Max.[Typ.]

製品外観



Size code : 252010__series

LPB252010D

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
LPB252010D-R33M-TW0	0.33	±20%	23 [19]	6.4 [7.30]	4.75 [5.5]	
LPB252010D-R33M-TW2	0.33	±20%	21 [17]	6.6 [7.3]	4.8 [5.7]	
LPB252010D-R47M-TW0	0.47	±20%	27 [22]	5.6 [6.40]	4.2 [4.9]	
LPB252010D-R47M-TW2	0.47	±20%	24 [19]	6.0 [6.6]	4.4 [5.1]	
LPB252010D-1R0M-T0	1.0	±20%	45 [39]	4.2 [4.70]	3.4 [4.0]	
LPB252010D-1R5M-T0	1.5	±20%	70 [61]	3.4 [3.70]	2.55 [2.95]	
LPB252010D-2R2M-T0	2.2	±20%	97 [84]	2.8 [3.10]	2.2 [2.55]	
LPB252010D-3R3M-T0	3.3	±20%	155 [133]	2.3 [2.55]	1.5 [1.75]	
LPB252010D-4R7M-T0	4.7	±20%	225 [194]	2.0 [2.2]	1.35 [1.55]	
LPB252010D-6R8M-T0	6.8	±20%	335 [290]	1.65 [1.85]	1.2 [1.35]	
LPB252010D-100M-T0	10	±20%	470 [415]	1.35 [1.55]	0.9 [1.05]	

Max.[Typ.]

LPB252010E

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
LPB252010E-R33M-T1	0.33	±20%				
LPB252010E-R47M-TW02	0.47	±20%	23 [20]	6.3 [7.4]	4.5 [5.0]	
LPB252010E-1R0M-T01	1.0	±20%	36 [32]	4.9 [5.4]	4.5 [5.2]	
LPB252010E-1R0M-T03	1.0	±20%	42 [37]	4.9 [5.4]	4.0 [4.6]	
LPB252010E-2R2M-T1	2.2	±20%				
LPB252010E-3R3M-T1	3.3	±20%				
LPB252010E-4R7M-T1	4.7	±20%				
LPB252010E-6R8M-T1	6.8	±20%				
LPB252010E-100M-T1	10	±20%				

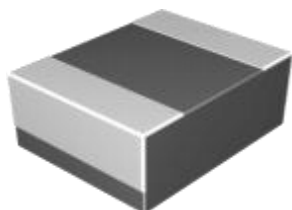
Max.[Typ.]

HPB252010H

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
HPB252010H-R33M-TW0	0.33	±20%	20 [16]	6.4 [7.30]	5.0 [5.9]	
HPB252010H-R47M-TW0	0.47	±20%	24 [19]	5.6 [6.40]	4.3 [5.1]	
HPB252010H-1R0M-T0	1.0	±20%	42 [36]	4.2 [4.70]	3.5 [4.1]	
HPB252010H-1R5M-T0	1.5	±20%	67 [58]	3.4 [3.70]	2.55 [2.95]	
HPB252010H-2R2M-T0	2.2	±20%	94 [81]	2.8 [3.10]	2.25 [2.55]	
HPB252010H-3R3M-T0	3.3	±20%	152 [130]	2.3 [2.55]	1.55 [1.75]	
HPB252010H-4R7M-T0	4.7	±20%	222 [191]	2.0 [2.2]	1.35 [1.55]	
HPB252010H-6R8M-T0	6.8	±20%	332 [287]	1.65 [1.85]	1.2 [1.35]	
HPB252010H-100M-T0	10	±20%	467 [412]	1.35 [1.55]	0.9 [1.05]	

Max.[Typ.]

製品外観



Size code : 252012__series

LPB252012D

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
LPB252012D-R22M-T0	0.22	±20%	20 [15]	8.1 [9.0]	5.1 [6.00]	
LPB252012D-R33M-T0	0.33	±20%	22.5 [18]	7.0 [7.8]	4.8 [5.60]	
LPB252012D-R47M-T0	0.47	±20%	26 [21.5]	6.1 [6.8]	4.4 [5.15]	
LPB252012D-1R0M-T0	1.0	±20%	42 [35]	4.5 [5.0]	3.5 [4.10]	
LPB252012D-1R0M-TW0	1.0	±20%	37 [32]	4.6 [5.1]	3.5 [4.10]	
LPB252012D-1R5M-T0	1.5	±20%	63 [55]	3.6 [4.0]	2.7 [3.10]	
LPB252012D-2R2M-T0	2.2	±20%	86 [75]	3.1 [3.4]	2.3 [2.70]	
LPB252012D-2R2M-T2	2.2	±20%	84 [73]	3.0 [3.5]	2.4 [2.70]	
LPB252012D-3R3M-T0	3.3	±20%	133 [115]	2.5 [2.75]	1.9 [2.20]	
LPB252012D-4R7M-T0	4.7	±20%	195 [170]	2.1 [2.25]	1.5 [1.75]	
LPB252012D-6R8M-T0	6.8	±20%	305 [265]	1.7 [1.85]	1.2 [1.40]	
LPB252012D-100M-T0	10	±20%	414 [360]	1.4 [1.55]	0.9 [1.05]	

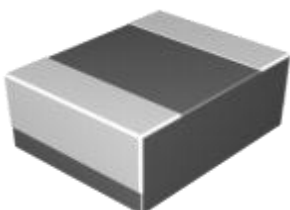
Max.[Typ.]

HPB252012H

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
HPB252012H-R22M-T0	0.22	±20%	17 [12]	8.1 [9.0]	5.5 [6.50]	
HPB252012H-R33M-T0	0.33	±20%	19.5 [15]	7.0 [7.8]	5.1 [6.00]	
HPB252012H-R47M-T0	0.47	±20%	23 [18.5]	6.1 [6.8]	4.8 [5.60]	
HPB252012H-1R0M-T0	1.0	±20%	39 [32]	4.5 [5.0]	3.6 [4.30]	
HPB252012H-1R5M-T0	1.5	±20%	60 [52]	3.6 [4.0]	2.8 [3.30]	
HPB252012H-2R2M-T0	2.2	±20%	83 [72]	3.1 [3.4]	2.4 [2.80]	
HPB252012H-3R3M-T0	3.3	±20%	130 [112]	2.5 [2.75]	1.9 [2.20]	
HPB252012H-4R7M-T0	4.7	±20%	192 [167]	2.1 [2.25]	1.5 [1.75]	
HPB252012H-6R8M-T0	6.8	±20%	302 [262]	1.7 [1.85]	1.2 [1.40]	
HPB252012H-100M-T0	10	±20%	411 [357]	1.4 [1.55]	0.9 [1.05]	

Max.[Typ.]

製品外観



Size code : 2016__series

LPB2016065D

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
LPB2016065E-2R2M-T0	2.2	±20%	195 [170]	2.0 [2.2]	1.3 [1.5]	Max.[Typ.]

LPB201610D

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
LPB201610D-R24M-T1	0.24	±20%	23.5 [19.5]	6.10 [7.2]	4.25 [5.0]	
LPB201610D-R24M-T01	0.24	±20%	20.0 [16.0]	6.50 [7.0]	5.00 [5.4]	
LPB201610D-R24M-T03	0.24	±20%	22.0 [18.0]	5.60 [6.7]	4.50 [5.2]	
LPB201610D-R33M-T1	0.33	±20%	27 [22.5]	5.75 [6.8]	4.05 [4.75]	
LPB201610D-R33M-T03	0.33	±20%	25 [20.5]	5.50 [6.0]	4.10 [4.70]	
LPB201610D-R47M-T1	0.47	±20%	34 [29.5]	4.90 [5.8]	3.65 [4.2]	
LPB201610D-R47M-T03	0.47	±20%	29 [25]	4.90 [5.5]	4.10 [4.8]	
LPB201610D-R68M-T1	0.68	±20%	43 [36]	3.65 [4.3]	3.10 [3.65]	
LPB201610D-R82M-T1	0.82	±20%	53 [45]	3.50 [4.1]	2.80 [3.3]	
LPB201610D-1R0M-T1	1.0	±20%	62 [54]	3.40 [4.0]	2.70 [3.1]	
LPB201610D-1R5M-T1	1.5	±20%	89 [77]	2.70 [3.2]	2.15 [2.45]	
LPB201610D-2R2M-T1	2.2	±20%	147 [125]	2.35 [2.8]	1.70 [2.0]	
LPB201610D-3R3M-T1	3.3	±20%	200 [170]	1.70 [2.0]	1.35 [1.6]	
LPB201610D-4R7M-T1	4.7	±20%	318 [270]	1.55 [1.85]	1.05 [1.25]	
LPB201610D-6R8M-T1	6.8	±20%	485 [410]	1.25 [1.5]	0.75 [0.88]	Max.[Typ.]

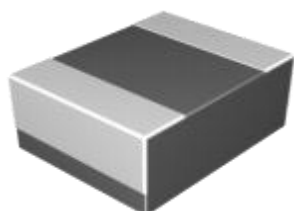
LPB201610E

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
LPB201610E-R47M-T01	0.47	±20%	25 [20]	5.5 [6.9]	4.0 [4.3]	
LPB201610E-1R0M-T01	1.0	±20%	50 [43]	4.2 [4.6]	3.8 [4.0]	
LPB201610E-1R0M-TR0	0.47	±20%	48 [41]	4.0 [4.5]	3.5 [3.7]	
LPB201610E-2R2M-T01	2.2	±20%	125 [103]	2.6 [3.1]	2.0 [2.2]	Max.[Typ.]

HPB201610H

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
HPB201610H-R24M-T0	0.24	±20%	20.5 [16.5]	6.10 [7.2]	4.60 [5.40]	
HPB201610H-R33M-T0	0.33	±20%	24 [19.5]	5.75 [6.8]	4.40 [5.20]	
HPB201610H-R47M-T0	0.47	±20%	31 [26.5]	4.90 [5.8]	3.90 [4.60]	
HPB201610H-R68M-T0	0.68	±20%	40 [33]	3.65 [4.3]	3.25 [3.80]	
HPB201610H-R82M-T0	0.82	±20%	50 [42]	3.50 [4.1]	2.90 [3.40]	
HPB201610H-1R0M-T0	1.0	±20%	59 [51]	3.40 [4.0]	2.80 [3.20]	
HPB201610H-1R5M-T0	1.5	±20%	86 [74]	2.70 [3.2]	2.20 [2.60]	
HPB201610H-2R2M-T0	2.2	±20%	144 [122]	2.35 [2.8]	1.70 [2.00]	
HPB201610H-3R3M-T0	3.3	±20%	197 [167]	1.70 [2.0]	1.35 [1.60]	
HPB201610H-4R7M-T0	4.7	±20%	315 [267]	1.55 [1.85]	1.05 [1.25]	
HPB201610H-6R8M-T0	6.8	±20%	483 [407]	1.25 [1.5]	0.75 [0.88]	Max.[Typ.]

製品外観



Size code : 201612__series

LPB201612D

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
LPB201612D-R24M-TW0	0.24	±20%	19 [13]	6.6 [7.6]	5.0 [5.9]	
LPB201612D-R33M-TW0	0.33	±20%	21 [16]	6.3 [6.8]	4.8 [6.2]	
LPB201612D-R47M-TW0	0.47	±20%	26 [21]	5.5 [6.2]	4.5 [5.6]	
LPB201612D-R68M-TW0	0.68	±20%	33 [26]	4.3 [5.0]	3.5 [4.5]	
LPB201612D-1R0M-TW0	1.00	±20%	48 [40]	4.0 [4.5]	2.9 [3.6]	
LPB201612D-1R5M-TW0	1.50	±20%	72 [60]	3.2 [3.6]	2.3 [2.9]	
LPB201612D-2R2M-TW0	2.20	±20%	116 [96]	2.4 [3.0]	1.8 [2.3]	
LPB201612D-4R7M-TW0	4.70	±20%	252 [219]	1.8 [2.2]	1.2 [1.5]	

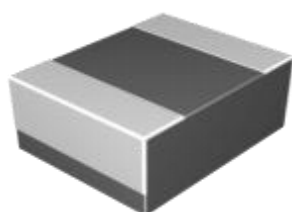
Max.[Typ.]

HPB201612H

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
HPB201612H-R24M-TW0	0.24	±20%	23 [18]	6.50 [7.05]	5.0 [5.9]	
HPB201612H-R47M-TW0	0.47	±20%	33 [27]	5.10 [5.65]	4.3 [5.1]	
HPB201612H-1R0M-TW0	1.00	±20%	54 [45]	3.70 [4.05]	2.9 [3.4]	
HPB201612H-1R5M-TW0	1.50	±20%	76 [66]	2.90 [3.30]	2.3 [2.7]	
HPB201612H-2R2M-TW0	2.20	±20%	123 [106]	2.30 [2.60]	1.7 [2.1]	
HPB201612H-4R7M-TW0	4.70	±20%	268 [233]	1.70 [1.90]	1.1 [1.3]	

Max.[Typ.]

製品外観



Size code : 3225__series

BPS322512W

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
BPS322512W-R10M-T0	0.10	±20%	7 [5]	15.0 [16]	9.0 [10]	
BPS322512W-R33M-T0	0.33	±20%	10 [8]	9.0 [10]	8.5 [9.0]	
BPS322512W-R47M-T0	0.47	±20%	13 [10.5]	8.0 [9.0]	7.5 [8.0]	
BPS322512W-R68M-T0	0.68	±20%	15 [12]	7.5 [8.0]	6.5 [7.0]	
BPS322512W-1R0M-T0	1.00	±20%	25 [20]	7.0 [7.7]	5.2 [5.8]	
BPS322512W-1R5M-T0	1.50	±20%	40 [34]	5.5 [6.0]	4.3 [4.5]	
BPS322512W-2R2M-T0	2.20	±20%	50 [42]	5.0 [5.5]	3.6 [4.0]	
BPS322512W-3R3M-T0	3.30	±20%	65 [55]	3.8 [4.2]	3.0 [3.3]	
BPS322512W-4R7M-T0	4.70	±20%	120 [100]	3.0 [3.5]	2.5 [2.8]	
BPS322512W-6R8M-T0	6.80	±20%	180 [150]	2.6 [3.0]	1.8 [2.2]	
BPS322512W-100M-T0	10.0	±20%	240 [210]	2.2 [2.6]	1.5 [1.9]	

Max.[Typ.]

製品外観



Size code : 2012__series

BPS201208H

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
BPS201208H-R22M-T0	0.22	±20%	22 [17]	6.5 [7.0]	4.8 [5.6]	
BPS201208H-R33M-T0	0.33	±20%	27 [22]	5.5 [6.0]	4.1 [4.8]	
BPS201208H-R47M-T0	0.47	±20%	42 [38]	4.7 [5.3]	3.1 [3.7]	
BPS201208H-1R0M-T0	1.0	±20%	85 [75]	3.5 [4.0]	2.0 [2.4]	
BPS201208H-1R5M-T0	1.5	±20%	145 [130]	2.4 [2.8]	1.65 [1.85]	
BPS201208H-2R2M-T0	2.2	±20%	175 [160]	2.1 [2.5]	1.55 [1.75]	

Max.[Typ.]

BPS201210H

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
BPS201210H-R22M-T0	0.22	±20%	20 [15]	7.0 [8.0]	5.3 [5.9]	
BPS201210H-R33M-T0	0.33	±20%	25 [20]	6.2 [7.0]	4.6 [5.1]	
BPS201210H-R47M-T0	0.47	±20%	30 [25]	5.5 [6.0]	3.9 [4.3]	
BPS201210H-1R0M-T0	1.0	±20%	60 [54]	4.1 [4.8]	2.7 [3.0]	
BPS201210H-1R5M-T0	1.5	±20%	110 [100]	3.2 [3.5]	1.7 [1.9]	
BPS201210H-2R2M-T0	2.2	±20%	155 [140]	2.7 [3.1]	1.6 [1.8]	

Max.[Typ.]

BPS201208W

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
BPS201208W-R24M-T0	0.24	±20%	19 [15]	6.5 [7.0]	5.5 [6.0]	
BPS201208W-R33M-T0	0.33	±20%	23 [18]	5.2 [6.0]	5.0 [5.4]	
BPS201208W-R47M-T0	0.47	±20%	31 [27]	5.0 [5.5]	3.7 [4.1]	
BPS201208W-1R0M-T0	1.0	±20%	60 [54]	3.1 [3.5]	2.5 [3.0]	
BPS201208W-1R5M-T0	1.5	±20%	120 [110]	2.5 [3.0]	1.8 [2.0]	
BPS201208W-2R2M-T0	2.2	±20%	145 [130]	2.0 [2.5]	1.5 [1.7]	

Max.[Typ.]

BPS201210W

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
BPS201210W-R24M-T0	0.24	±20%	15 [11]	6.5 [7.0]	6.0 [6.5]	
BPS201210W-R33M-T0	0.33	±20%	19 [15]	5.5 [6.0]	5.3 [5.8]	
BPS201210W-R47M-T0	0.47	±20%	25 [21]	4.6 [5.5]	4.0 [4.5]	
BPS201210W-1R0M-T0	1.0	±20%	50 [45]	3.2 [3.8]	2.7 [3.2]	
BPS201210W-1R5M-T0	1.5	±20%	85 [74]	2.7 [3.1]	2.0 [2.3]	
BPS201210W-2R2M-T0	2.2	±20%	112 [105]	2.1 [2.5]	1.7 [1.9]	

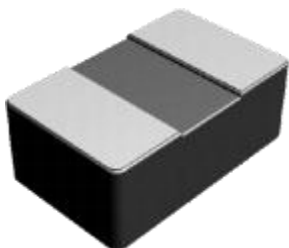
Max.[Typ.]

BPS201212W

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
BPS201212W-R11M-T0	0.11	±20%	8.5 [7.0]	12 [14]	7.5 [8.9]	
BPS201212W-R24M-T0	0.24	±20%	16 [13.0]	8.5 [9.5]	5.0 [6.0]	
BPS201212W-R47M-T0	0.47	±20%	24 [21.0]	5.3 [5.8]	4.5 [5.0]	

Max.[Typ.]

製品外観



Size code : 1608__series

BPS160808H

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
BPS160808H-1R0M-T0	0.24	±20%	125 [105]	2.2 [2.5]	1.8 [2.0]	Max.[Typ.]

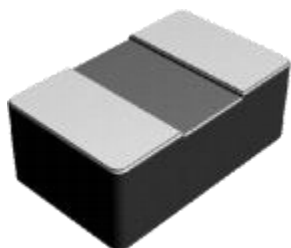
BPS160808W

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
BPS160808W-R24M-T0	0.24	±20%	31 [27]	4.5 [5.4]	3.5 [3.7]	
BPS160808W-R33M-T0	0.33	±20%	43 [37]	4.2 [5.2]	3.0 [3.2]	
BPS160808W-R47M-T0	0.47	±20%	43 [37]	3.3 [4.2]	3.0 [3.2]	
BPS160808W-R56M-T0	0.56	±20%	60 [55]	3.2 [3.8]	2.0 [2.5]	
BPS160808W-1R0M-T0	1.00	±20%	115 [105]	2.5 [3.0]	1.8 [2.0]	Max.[Typ.]

BPS1608065W

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
BPS1608065W-R33M-T0	0.33	±20%	55 [45]	3.5 [4.0]	2.6 [3.0]	
BPS1608065W-R47M-T0	0.47	±20%	70 [60]	3.2 [3.5]	2.5 [2.7]	
BPS1608065W-R68M-T0	0.68	±20%	95 [85]	2.5 [2.7]	2.0 [2.2]	
BPS1608065W-R82M-T0	0.82	±20%	120 [105]	2.2 [2.5]	1.7 [1.9]	
BPS1608065W-1R0M-T0	1.00	±20%	145 [130]	2.0 [2.2]	1.5 [1.8]	Max.[Typ.]

製品外観



Size code : 1412__series

BPS1412065W

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
BPS1412065W-R24M-T0	0.24	±20%	27 [23]	5.3 [5.6]	4.0 [4.2]	
BPS1412065W-R33M-T0	0.33	±20%	32 [28]	4.7 [5.0]	3.5 [3.7]	
BPS1412065W-R33M-T01	0.33	±20%	32 [29]	5.3 [5.7]	3.3 [3.6]	高通
BPS1412065W-R47M-T0	0.47	±20%	41 [37]	3.6 [4.0]	2.7 [3.0]	
BPS1412065W-R47M-T01	0.47	±20%	38 [36]	3.6 [4.0]	2.8 [3.3]	高通

Max.[Typ.]

BPS141208W

品番/Part No.	L(uH)	Tolerance	Rdc(mΩ)	定格電流Isat(A)	定格電流Itemp(A)	Remarks
BPS141208W-R24M-T0	0.24	±20%	24 [20]	6.5 [7.0]	4.9 [5.3]	
BPS141208W-R33M-T0	0.33	±20%	25 [22]	5.0 [5.3]	3.8 [4.2]	
BPS141208W-R47M-T0	0.47	±20%	32 [29]	4.0 [4.5]	3.2 [3.6]	
BPS141208W-1R0M-T0	1.00	±20%	90 [79]	2.7 [3.0]	1.8 [2.1]	

Max.[Typ.]

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