

スイッチングレギュレータシリーズ

降圧 DC/DC コンバータ 推奨インダクタリスト

| 品名 | 表の番号 |
|------------|----------|
| BD9106FVM | 6 |
| BD9130EFJ | 20 |
| BD9130NV | 20 |
| BD9137MUV | 38 |
| BD9139MUV | 27 |
| BD9141MUV | 22 |
| BD70522GUL | 1 |
| BD95821MUV | 19 20 21 |
| BD95831MUV | 26 27 28 |
| BD95841MUV | 37 38 39 |
| BD95861MUV | 44 45 |
| BD9A100MUV | 8 |
| BD9A101MUV | 8 |
| BD9A300MUV | 26 |
| BD9A301MUV | 26 |
| BD9A302QWZ | 26 |
| BD9A400MUV | 37 |
| BD9A600MUV | 43 44 |
| BD9B100MUV | 7 8 |
| BD9B200MUV | 18 19 |
| BD9B300MUV | 25 26 |
| BD9B301MUV | 25 26 |
| BD9B304QWZ | 24 25 |
| BD9B331GWZ | 25 |

| 品名 | 表の番号 |
|-------------|-------------------|
| BD9B333GWZ | 25 26 |
| BD9B400MUV | 36 |
| BD9B500MUV | 41 |
| BD9B600MUV | 43 |
| BD9C301FJ | 28 29 |
| BD9C401EFJ | 40 |
| BD9C501EFJ | 42 |
| BD9C601EFJ | 46 |
| BD9D320EFJ | 26 27 28 |
| BD9D321EFJ | 26 27 28 |
| BD9D323QWZ | 26 27 28 |
| BD9E100FJ | 9 10 12 14 |
| BD9E101FJ | 12 14 15 |
| BD9E102FJ | 11 13 |
| BD9E103FJ | 17 |
| BD9E151NWX | 16 |
| BD9E300EFJ | 23 |
| BD9E301EFJ | 23 |
| BD9E302EFJ | 28 30 |
| BD9E303EFJ | 31 32 |
| BD9F800MUV | 47 48 49 50 51 52 |
| BD9G101G | 2 3 4 5 |
| BD9G341AEFJ | 33 34 35 |

1

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------|---------------------------|--------------------------|--------------|--------------------|---------------|
| 0.5A | BD70522GUL | 2.2μH | ±20%, DCR=210mΩmax, 1.05A | PLF2015-222ME | Coilcraft | 2215 | Metal |
| | | | ±20%, DCR=228mΩmax, 2.0A | DFE201210U-2R2M | Murata | 2012 | Metal |
| | | | ±20%, DCR=113mΩmax, 2.6A | 252010CDMCCDS-2R2MC | Sumida | 2520 | Metal |
| | | | ±20%, DCR=90mΩmax, 2.8A | MAMK2520H2R2M | TAIYO YUDEN | 2520 | Metal |
| | | | ±20%, DCR=160mΩmax, 1.5A | MAKK2016T2R2M | TAIYO YUDEN | 2016 | Metal |
| | | | ±20%, DCR=146mΩmax, 2.4A | TFM201610ALM-2R2MTAA | TDK | 2016 | Metal |
| | | | ±20%, DCR=155mΩmax, 1.63A | IHHP0806ABER2R2M01 | VISHAY | 2016 | Metal |
| | | | ±20%, DCR=176mΩmax, 1.7A | 74479275222 (WE-PMCI) | WÜRTH | 2012 | Metal |

2

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|----------|-------|---------------------------|--------------------------|--------------|--------------------|---------------|
| 0.5A | BD9G101G | 4.7μH | ±20%, DCR=57.4mΩmax, 2.7A | XFL4020-472ME | Coilcraft | 4040 | Metal |
| | | | ±30%, DCR=186mΩmax, 1.6A | LQH32PN4R7NNC | Murata | 3225 | Ferrite |
| | | | ±20%, DCR=126mΩmax, 1.1A | 1229AS-H-4R7M (DEM3512C) | Murata | 3739 | Ferrite |
| | | | ±20%, DCR=63mΩmax, 1.65A | CDRH40D28NP-4R7NC | Sumida | 4040 | Ferrite |
| | | | ±20%, DCR=84mΩmax, 2.0A | NRS4018T4R7MDGJV | TAIYO YUDEN | 4040 | Ferrite |
| | | | ±20%, DCR=210mΩmax, 1.1A | VLS252012CX-4R5M | TDK | 2520 | Ferrite |
| | | | ±20%, DCR=105mΩmax, 1.75A | IHLP1616BZER4R7M1A | VISHAY | 4541 | Metal |
| | | | ±20%, DCR=120mΩmax, 1.7A | 744025004 (WE-TPC SMD) | WÜRTH | 2828 | Ferrite |

3

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|----------|-------|----------------------------|--------------------------|--------------|--------------------|---------------|
| 0.5A | BD9G101G | 6.8μH | ±20%, DCR=150mΩmax, 1.3A | LPS4018-682MR | Coilcraft | 4040 | Metal |
| | | | ±20%, DCR=186mΩmax, 0.83A | LQH3NPN6R8MMR | Murata | 3030 | Ferrite |
| | | | ±20%, DCR=106mΩmax, 1.7A | 1235AS-H-6R8M (DEM4518C) | Murata | 4745 | Ferrite |
| | | | ±25%, DCR=136mΩmax, 1.52A | CDRH3D23HPNP-6R8PC | Sumida | 3838 | Ferrite |
| | | | ±20%, DCR=117.6mΩmax, 1.6A | NRS4018T6R8MDGJ | TAIYO YUDEN | 4040 | Ferrite |
| | | | ±30%, DCR=100mΩmax, 1.36A | VLFC4028T-6R8N1R3-2 | TDK | 4040 | Ferrite |
| | | | ±20%, DCR=115mΩmax, 1.5A | IFSC1515AHER6R8M01 | VISHAY | 3838 | Metal |
| | | | ±20%, DCR=165mΩmax, 1.3A | 744025006 (WE-TPC SMD) | WÜRTH | 2828 | Ferrite |

4

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|----------|-------|---------------------------|--------------------------|--------------|--------------------|---------------|
| 0.5A | BD9G101G | 10μH | ±20%, DCR=200mΩmax, 1.3A | LPS4018-103MR | Coilcraft | 4040 | Metal |
| | | | ±20%, DCR=354mΩmax, 1.0A | LQH32PB100MNC | Murata | 3225 | Ferrite |
| | | | ±20%, DCR=174mΩmax, 0.9A | 1231AS-H-100M (DEM3518C) | Murata | 3937 | Ferrite |
| | | | ±20%, DCR=198mΩmax, 1.28A | CDRH3D23HPNP-100MC | Sumida | 3838 | Ferrite |
| | | | ±20%, DCR=180mΩmax, 1.3A | NRS4018T100MDGJ | TAIYO YUDEN | 4040 | Ferrite |
| | | | ±20%, DCR=140mΩmax, 1.06A | VLFC4028T-100M1R0-2 | TDK | 4040 | Ferrite |
| | | | ±20%, DCR=135mΩmax, 1.3A | IFSC1515AHER100M01 | VISHAY | 3838 | Metal |
| | | | ±20%, DCR=148mΩmax, 2.1A | 74408942100 (WE-SPC SMD) | WÜRTH | 4848 | Ferrite |

5

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|----------|-------|----------------------------|--------------------------|--------------|--------------------|---------------|
| 0.5A | BD9G101G | 15μH | ±20%, DCR=260mΩmax, 0.94A | LPS4018-153MR | Coilcraft | 4040 | Metal |
| | | | ±20%, DCR=96mΩmax, 1.8A | LQH5BPN150M38 | Murata | 4949 | Ferrite |
| | | | ±20%, DCR=222mΩmax, 0.8A | 1231AS-H-150M (DEM3518C) | Murata | 3937 | Ferrite |
| | | | ±20%, DCR=132mΩmax, 0.95A | CDRH58D18RNP-150MC | Sumida | 6060 | Ferrite |
| | | | ±20%, DCR=104mΩmax, 2A | NRS5040T150MMGJV | TAIYO YUDEN | 4949 | Ferrite |
| | | | ±20%, DCR=170mΩmax, 0.88A | VLFC4028T-150MR88-2 | TDK | 4040 | Ferrite |
| | | | ±20%, DCR=208mΩmax, 1.6A | IHLP2020CZER150M5A | VISHAY | 5552 | Metal |
| | | | ±20%, DCR=136.2mΩmax, 1.7A | 74408943150 (WE-SPC SMD) | WÜRTH | 4848 | Ferrite |

インダクタを使用するには、最新のデータシートで各数値、データなどを確認してください。

6

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|-----------|-------|---------------------------|--------------------------|--------------|--------------------|---------------|
| 0.8A | BD9106FVM | 4.7μH | ±20%, DCR=57.4mΩmax, 2.7A | XFL4020-472ME | Coilcraft | 4040 | Metal |
| | | | ±30%, DCR=186mΩmax, 1.6A | LQH32PN4R7NNC | Murata | 3225 | Ferrite |
| | | | ±20%, DCR=126mΩmax, 1.1A | 1229AS-H-4R7N (DEM3512C) | Murata | 3739 | Ferrite |
| | | | ±20%, DCR=63mΩmax, 1.65A | CDRH40D28NP-4R7NC | Sumida | 4040 | Ferrite |
| | | | ±20%, DCR=84mΩmax, 2.0A | NRS4018T4R7MDGJV | TAIYO YUDEN | 4040 | Ferrite |
| | | | ±20%, DCR=210mΩmax, 1.1A | VLS252012CX-4R5M | TDK | 2520 | Ferrite |
| | | | ±20%, DCR=105mΩmax, 1.75A | IHLP1616BZER4R7M1A | VISHAY | 4541 | Metal |
| | | | ±20%, DCR=120mΩmax, 1.7A | 744025004 (WE-TPC 2828) | WÜRTH | 2828 | Ferrite |

7

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------|-----------------------------|--------------------------|--------------|--------------------|---------------|
| 1A | BD9B100MUV | 1.5μH | ±20%, DCR=72mΩmax, 2.2A | XFL3012-152ME | Coilcraft | 3030 | Metal |
| | | | ±30%, DCR=90mΩmax, 2.2A | LQH2HPN1R5NJR | Murata | 2520 | Ferrite |
| | | | ±20%, DCR=110mΩmax, 2.5A | DFE252010P-1R5M | Murata | 2520 | Metal 20Vdc |
| | | | ±25%, DCR=103.9mΩmax, 1.65A | CDRH2D11BHPHF-1R5PC | Sumida | 3030 | Ferrite |
| | | | ±20%, DCR=130mΩmax, 1.6A | MAKK2016T1R5M | TAIYO YUDEN | 2016 | Metal |
| | | | ±20%, DCR=89mΩmax, 1.62A | VLS201612CX-1R5M | TDK | 2016 | Metal |
| | | | ±20%, DCR=104mΩmax, 2.0A | IHHP0806ABER1R5M01 | VISHAY | 2016 | Metal |
| | | | ±20%, DCR=125mΩmax, 1.9A | 74479976215 (WE-PMMI) | WÜRTH | 2016 | Metal |

8

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|--|-------|----------------------------|---------------------------|--------------|--------------------|---------------|
| 1A | BD9A100MUV BD9A101MUV BD9B100MUV | 2.2μH | ±20%, DCR=97mΩmax, 1.6A | XFL3012-222ME | Coilcraft | 3030 | Metal |
| | | | ±30%, DCR=76.8mΩmax, 2.0A | LQH32PN2R2NNC | Murata | 3225 | Ferrite |
| | | | ±20%, DCR=168mΩmax, 2.0A | DFE201610P-2R2M | Murata | 2016 | Metal 20Vdc |
| | | | ±30%, DCR=60mΩmax, 1.6A | CDRH2D18/HPNP-2R2NC | Sumida | 3030 | Ferrite |
| | | | ±20%, DCR=69.6mΩmax, 1.48A | NRS3015T2R2MNGHV | TAIYO YUDEN | 3030 | Ferrite |
| | | | ±20%, DCR=109mΩmax, 1.75A | MDMK2020T2R2MMV | TAIYO YUDEN | 2020 | Metal |
| | | | ±20%, DCR=137mΩmax, 1.85A | VLS201612HBX-2R2M-1 | TDK | 2016 | Ferrite |
| | | | ±20%, DCR=152mΩmax, 2.4A | TFM201610GHM-2R2MTAA | TDK | 2016 | Metal |
| | | | ±20%, DCR=155mΩmax, 1.6A | IHHP0806ABER2R2M01 | VISHAY | 2016 | Metal |
| | | | ±20%, DCR=141mΩmax, 2.9A | 74438324022 (WE-MAPI SMD) | WÜRTH | 2520 | Metal |

9

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|-----------|-------|---------------------------|--------------------------|--------------|--------------------|---------------|
| 1A | BD9E100FJ | 3.3μH | ±20%, DCR=38.3mΩmax, 2.9A | XFL4020-332ME | Coilcraft | 4040 | Metal |
| | | | ±30%, DCR=120mΩmax, 1.9A | LQH32PN3R3NNC | Murata | 3225 | Ferrite |
| | | | ±20%, DCR=74mΩmax, 2.3A | 1235AS-H-3R3M (DEM4518C) | Murata | 4745 | Ferrite |
| | | | ±20%, DCR=58mΩmax, 1.9A | CDRH40D28NP-3R3NC | Sumida | 4040 | Ferrite |
| | | | ±20%, DCR=66mΩmax, 2.3A | NRS4018T3R3MDGJV | TAIYO YUDEN | 4040 | Ferrite |
| | | | ±20%, DCR=121mΩmax, 3.5A | SPM3020T-3R3M-LR | TDK | 3230 | Metal 50Vdc |
| | | | ±20%, DCR=168mΩmax, 1.8A | VLS252012HBX-3R3M-1 | TDK | 2520 | Ferrite |
| | | | ±20%, DCR=94.3mΩmax, 2.2A | IHLP1616BZER3R3M11 | VISHAY | 4541 | Metal |
| | | | ±20%, DCR=35mΩmax, 1.8A | 744043003 (WE-TPC SMD) | WÜRTH | 4848 | Ferrite |

インダクタを使用する前には、最新のデータシートで各数値、データなどを確認してください。

10

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|-----------|-------|----------------------------|--------------------------|--------------|--------------------|---------------|
| 1A | BD9E100FJ | 4.7μH | ±20%, DCR=57.4mΩmax, 2.7A | XFL4020-472ME | Coilcraft | 4040 | Metal |
| | | | ±30%, DCR=186mΩmax, 1.6A | LQH32PN4R7NNC | Murata | 3225 | Ferrite |
| | | | ±20%, DCR=84mΩmax, 2.0A | 1235AS-H-4R3M (DEM4518C) | Murata | 4745 | Ferrite |
| | | | ±20%, DCR=63mΩmax, 1.65A | CDRH40D28NP-4R7NC | Sumida | 4040 | Ferrite |
| | | | ±20%, DCR=45.5mΩmax, 3.1A | NRS5030T4R7MMGJV | TAIYO YUDEN | 4949 | Ferrite |
| | | | ±20%, DCR=84mΩmax, 2.0A | NRS4018T4R7MDGJV | TAIYO YUDEN | 4040 | Ferrite |
| | | | ±20%, DCR=147.2mΩmax, 3.5A | SPM4020T-4R7M-LR | TDK | 4441 | Metal 50Vdc |
| | | | ±30%, DCR=23mΩmax, .3.1A | CLF6045NIT-4R7N-D | TDK | 6360 | Ferrite |
| | | | ±20%, DCR=30.3mΩmax, 7A | IHLP2525EZER4R7M01 | VISHAY | 6965 | Metal |
| | | | ±30%, DCR=38mΩmax, 1.95A | 7440530047 (WE-TPC SMD) | WÜRTH | 5858 | Ferrite |

11

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|-----------|-------|----------------------------|--------------------------|--------------|--------------------|---------------|
| 1A | BD9E102FJ | 6.8μH | ±30%, DCR=52mΩmax, 2.3A | MSS6132-682ML | Coilcraft | 6161 | Ferrite |
| | | | ±30%, DCR=99.6mΩmax, 2.5A | LQH5BPN6R8NT0 | Murata | 5050 | Ferrite |
| | | | ±20%, DCR=150mΩmax, 2.7A | FDSD0420-H-6R8M | Murata | 4242 | Metal 30Vdc |
| | | | ±20%, DCR=82.6mΩmax, 2.2A | CDRH4D22HPNP-6R8NC | Sumida | 4747 | Ferrite |
| | | | ±20%, DCR=55.9mΩmax, 2.6A | NRS6028T6R8MMGJV | TAIYO YUDEN | 6060 | Ferrite |
| | | | ±20%, DCR=67.6mΩmax, 2.5A | NRS5030T6R8MMGJV | TAIYO YUDEN | 4949 | Ferrite |
| | | | ±20%, DCR=118.5mΩmax, 4.2A | SPM5020T-6R8M-LR | TDK | 5451 | Metal 50Vdc |
| | | | ±30%, DCR=27mΩmax, 2.5A | CLF6045NIT-6R8N-D | TDK | 6360 | Ferrite |
| | | | ±20%, DCR=44.6mΩmax, 5.5A | IHLP2525EZER6R8M01 | VISHAY | 6965 | Metal |
| | | | ±30%, DCR=45mΩmax, 1.7A | 744053006 (WE-TPC 5828) | WÜRTH | 5858 | Ferrite |

12

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------------------|-------|----------------------------|--------------------------|--------------|--------------------|---------------|
| 1A | BD9E100FJ BD9E101FJ | 6.8μH | ±30%, DCR=52mΩmax, 2.3A | MSS6132-682ML | Coilcraft | 6161 | Ferrite |
| | | | ±30%, DCR=99.6mΩmax, 2.5A | LQH5BPN6R8NT0 | Murata | 5050 | Ferrite |
| | | | ±20%, DCR=106mΩmax, 1.7A | 1235AS-H-6R8M (DEM4518C) | Murata | 4745 | Ferrite |
| | | | ±20%, DCR=82.6mΩmax, 2.2A | CDRH4D22HPNP-6R8NC | Sumida | 4747 | Ferrite |
| | | | ±20%, DCR=55.9mΩmax, 2.6A | NRS6028T6R8MMGJV | TAIYO YUDEN | 6060 | Ferrite |
| | | | ±20%, DCR=67.6mΩmax, 2.5A | NRS5030T6R8MMGJV | TAIYO YUDEN | 4949 | Ferrite |
| | | | ±20%, DCR=118.5mΩmax, 4.2A | SPM5020T-6R8M-LR | TDK | 5451 | Metal 50Vdc |
| | | | ±30%, DCR=27mΩmax, 2.5A | CLF6045NIT-6R8N-D | TDK | 6360 | Ferrite |
| | | | ±20%, DCR=44.6mΩmax, 5.5A | IHLP2525EZER6R8M01 | VISHAY | 6965 | Metal |
| | | | ±30%, DCR=45mΩmax, 1.7A | 744053006 (WE-TPC 5828) | WÜRTH | 5858 | Ferrite |

13

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|-----------|-------|----------------------------|--------------------------|--------------|--------------------|---------------|
| 1A | BD9E102FJ | 10μH | ±20%, DCR=70mΩmax, 1.84A | MSS6132-103ML | Coilcraft | 6161 | Ferrite |
| | | | ±20%, DCR=127.2mΩmax, 2.0A | LQH5BPN100MT0 | Murata | 5050 | Ferrite |
| | | | ±20%, DCR=200mΩmax, 2.5A | FDSD0420-H-100M | Murata | 4242 | Metal 30Vdc |
| | | | ±20%, DCR=61.2mΩmax, 2.1A | CDRH60D45/T150NP-100M | Sumida | 6259 | Ferrite |
| | | | ±20%, DCR=59.8mΩmax, 3.1A | NRS6045T100MMGKV | TAIYO YUDEN | 6060 | Ferrite |
| | | | ±20%, DCR=91mΩmax, 2.1A | NRS5030T100MMGJV | TAIYO YUDEN | 4949 | Ferrite |
| | | | ±20%, DCR=174.8mΩmax, 3.4A | SPM5020T-100M-LR | TDK | 5451 | Metal 50Vdc |
| | | | ±20%, DCR=35mΩmax, 2.1A | CLF6045NIT-100M-D | TDK | 6360 | Ferrite |
| | | | ±20%, DCR=71.2mΩmax, 3.5A | IHLP2525CZER100M11 | VISHAY | 6965 | Metal |
| | | | ±20%, DCR=72mΩmax, 2.2A | 744778910 (WE-PD 7332) | WÜRTH | 7373 | Ferrite |

インダクタを使用する前には、最新のデータシートで各数値、データなどを確認してください。

14

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------------------|-------|----------------------------|--------------------------|--------------|--------------------|---------------|
| 1A | BD9E100FJ BD9E101FJ | 10μH | ±20%, DCR=70mΩmax, 1.84A | MSS6132-103ML | Coilcraft | 6161 | Ferrite |
| | | | ±20%, DCR=127.2mΩmax, 2.0A | LQH5BPN100MT0 | Murata | 5050 | Ferrite |
| | | | ±20%, DCR=53mΩmax, 2.9A | #A918CY-100M(D62LCB) | Murata | 6362 | Ferrite |
| | | | ±20%, DCR=61.2mΩmax, 2.1A | CDRH60D45/T150NP-100M | Sumida | 6259 | Ferrite |
| | | | ±20%, DCR=59.8mΩmax, 3.1A | NRS6045T100MMGKV | TAIYO YUDEN | 6060 | Ferrite |
| | | | ±20%, DCR=91mΩmax, 2.1A | NRS5030T100MMGJV | TAIYO YUDEN | 4949 | Ferrite |
| | | | ±20%, DCR=174.8mΩmax, 3.4A | SPM5020T-100M-LR | TDK | 5451 | Metal 50Vdc |
| | | | ±20%, DCR=35mΩmax, 2.1A | CLF6045NIT-100M-D | TDK | 6360 | Ferrite |
| | | | ±20%, DCR=71.2mΩmax, 3.5A | IHLP2525CZER100M11 | VISHAY | 6965 | Metal |
| | | | ±20%, DCR=72mΩmax, 2.2A | 744778910 (WE-PD 7332) | WÜRTH | 7373 | Ferrite |

15

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|-----------|-------|----------------------------|--------------------------|--------------|--------------------|---------------|
| 1A | BD9E101FJ | 15μH | ±20%, DCR=55mΩmax, 1.78A | MSS7341-153ML | Coilcraft | 6666 | Ferrite |
| | | | ±20%, DCR=96mΩmax, 1.8A | LQH5BPN150M38 | Murata | 4949 | Ferrite |
| | | | ±20%, DCR=71mΩmax, 2.4A | B1047AS-150M(DS75LC) | Murata | 7676 | Ferrite |
| | | | ±20%, DCR=133mΩmax, 3.6A | CDMC50D38T150NP-150MC | Sumida | 5450 | Metal 40Vdc |
| | | | ±20%, DCR=91mΩmax, 2.5A | NRS6045T150MMGKV | TAIYO YUDEN | 6060 | Ferrite |
| | | | ±20%, DCR=104mΩmax, 2A | NRS5040T150MMGJV | TAIYO YUDEN | 4949 | Ferrite |
| | | | ±20%, DCR=98mΩmax, 3.1A | VLS6045EX-150M | TDK | 6060 | Ferrite |
| | | | ±20%, DCR=265mΩmax, 2.5A | IHLP2020CZER150M01 | VISHAY | 5552 | Metal |
| | | | ±20%, DCR=103.2mΩmax, 2.2A | 74404054150 (WE-LQS SMD) | WÜRTH | 5050 | Ferrite |

16

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------|----------------------------|--------------------------|--------------|--------------------|---------------|
| 1.2A | BD9E151NUX | 15μH | ±20%, DCR=55mΩmax, 1.78A | MSS7341-153ML | Coilcraft | 6666 | Ferrite |
| | | | ±20%, DCR=96mΩmax, 1.8A | LQH5BPN150M38 | Murata | 4949 | Ferrite |
| | | | ±20%, DCR=350mΩmax, 1.9A | FDSD0420W-H-150M | Murata | 4242 | Metal 30Vdc |
| | | | ±20%, DCR=133mΩmax, 3.6A | CDMC50D38T150NP-150MC | Sumida | 5450 | Metal 40Vdc |
| | | | ±20%, DCR=91mΩmax, 2.5A | NRS6045T150MMGKV | TAIYO YUDEN | 6060 | Ferrite |
| | | | ±20%, DCR=104mΩmax, 2A | NRS5040T150MMGJV | TAIYO YUDEN | 4949 | Ferrite |
| | | | ±20%, DCR=98mΩmax, 3.1A | VLS6045EX-150M | TDK | 6060 | Ferrite |
| | | | ±20%, DCR=265mΩmax, 2.5A | IHLP2020CZER150M01 | VISHAY | 5552 | Metal |
| | | | ±20%, DCR=103.2mΩmax, 2.2A | 74404054150 (WE-LQS SMD) | WÜRTH | 5050 | Ferrite |

17

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|-----------|-------|----------------------------|--------------------------|--------------|--------------------|---------------|
| 1.5A | BD9E103FJ | 22μH | ±20%, DCR=99.65mΩmax, 3.6A | XAL5050-223ME | Coilcraft | 5553 | Metal |
| | | | ±20%, DCR=198mΩmax, 2A | DEFG7030D-220M | Murata | 7066 | Metal 50Vdc |
| | | | ±20%, DCR=98.4mΩmax, 1.9A | CDRH60D45BT150NP-220MC | Sumida | 6663 | Ferrite |
| | | | ±20%, DCR=139.1mΩmax, 2A | NRS6045T220MMGKV | TAIYO YUDEN | 6060 | Ferrite |
| | | | ±20%, DCR=137mΩmax, 2.4A | VLS6045EX-220M | TDK | 6060 | Ferrite |
| | | | ±20%, DCR=135mΩmax, 2.5A | IHLP2525CZER220M11 | VISHAY | 6965 | Metal |
| | | | ±20%, DCR=115.7mΩmax, 2.2A | 74404064220 (WE-LQS SMD) | WÜRTH | 6060 | Ferrite |

インダクタを使用する前には、最新のデータシートで各数値、データなどを確認してください。

18

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|-------------------------|---------------------------|-------|---------------------------|--------------------------|--------------|--------------------|---------------|
| 2A | BD9B200MUV | 1.0μH | ±20%, DCR=14.6mΩmax, 8.7A | XAL4020-102ME | Coilcraft | 4040 | Metal |
| | | | ±20%, DCR=43.2mΩmax, 3.0A | LQH32PN1R0NNC | Murata | 3225 | Ferrite |
| | | | ±20%, DCR=57mΩmax, 3.6A | DFE201610E-1R0M | Murata | 2016 | Metal 20Vdc |
| | | | ±20%, DCR=50mΩmax, 2.8A | CDRH3D18NP-1R0NC | Sumida | 4040 | Ferrite |
| | | | ±20%, DCR=59mΩmax, 3.1A | MAMK2520T1R0M | TAIYO YUDEN | 2520 | Metal |
| | | | ±20%, DCR=56mΩmax, 3.9A | TFM201610ALM-1R0MTAA | TDK | 2016 | Metal |
| | | | ±20%, DCR=58mΩmax, 2.35A | IHHP0806ABER1R0M01 | VISHAY | 2016 | Metal |
| ±20%, DCR=60mΩmax, 4.9A | 74438324010 (WE-MAPI SMD) | WÜRTH | 2520 | Metal | | | |

19

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|--------------------------|-------|---------------------------|---------------------------|--------------|--------------------|---------------|
| 2A | BD9B200MUV BD95821MUV | 1.5μH | ±20%, DCR=23.6mΩmax, 7.1A | XAL4020-152ME | Coilcraft | 4040 | Metal |
| | | | ±30%, DCR=28.8mΩmax, 5.0A | LQH5BPN1R5NT0 | Murata | 5050 | Ferrite |
| | | | ±20%, DCR=91mΩmax, 2.9A | DFE201610E-1R5M | Murata | 2016 | Metal 20Vdc |
| | | | ±20%, DCR=31.3mΩmax, 3.9A | CDRH4D22HPNP-1R5NC | Sumida | 4747 | Ferrite |
| | | | ±20%, DCR=65mΩmax, 3.7A | MDMK4040T1R5MF | TAIYO YUDEN | 4040 | Metal |
| | | | ±20%, DCR=55.0mΩmax, 4.4A | SPM3020T-1R5M-LR | TDK | 3230 | Metal 50Vdc |
| | | | ±20%, DCR=69mΩmax, 2.43A | IHHP1008ABER1R5M01 | VISHAY | 2520 | Metal |
| | | | ±20%, DCR=39mΩmax, 4.5A | 74438336015 (WE-MAPI SMD) | WÜRTH | 3030 | Metal |

20

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|-------------------------------------|-------|---------------------------|----------------------------|--------------|--------------------|---------------|
| 2A | BD9130NV BD9130EFJ BD95821MUV | 2.2μH | ±20%, DCR=38.7mΩmax, 5.6A | XAL4020-222ME | Coilcraft | 4040 | Metal |
| | | | ±30%, DCR=36.0mΩmax, 4.0A | LQH5BPN2R2NT0 | Murata | 5050 | Ferrite |
| | | | ±20%, DCR=82mΩmax, 3.3A | DFE252012F-2R2M | Murata | 2722 | Metal 20Vdc |
| | | | ±25%, DCR=44.3mΩmax, 3.2A | CDRH4D22HPNP-2R2NC | Sumida | 5050 | Ferrite |
| | | | ±20%, DCR=50.4mΩmax, 3A | NRS4018T2R2MDGJ | TAIYO YUDEN | 4040 | Ferrite |
| | | | ±20%, DCR=84.2mΩmax, 3.9A | SPM3020T-2R2M-LR | TDK | 3230 | Metal 50Vdc |
| | | | ±20%, DCR=46mΩmax, 3.3A | IHLP1212BZER2R2M11 | VISHAY | 3030 | Metal |
| | | | ±20%, DCR=80mΩmax, 4.3A | 74438336022 (WE-MAPI 3020) | WÜRTH | 3030 | Metal |

21

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------|---------------------------|---------------------------|--------------|--------------------|---------------|
| 2A | BD95821MUV | 3.3μH | ±20%, DCR=28.6mΩmax, 5.5A | XAL4030-332ME | Coilcraft | 4040 | Metal |
| | | | ±30%, DCR=25.2mΩmax, 4.0A | LQH5BPN3R3N38 | Murata | 4949 | Ferrite |
| | | | ±20%, DCR=71mΩmax, 3.7A | FDSD0420-H-3R3M | Murata | 4040 | Metal 30Vdc |
| | | | ±20%, DCR=78mΩmax, 3.4A | CDRH5D18BHPNP-3R3MC | Sumida | 6060 | Ferrite |
| | | | ±30%, DCR=35.1mΩmax, 4.0A | NRS5040T3R3NMGJ | TAIYO YUDEN | 4949 | Ferrite |
| | | | ±20%, DCR=74.3mΩmax, 5.0A | SPM4020T-3R3M-LR | TDK | 4441 | Metal 50Vdc |
| | | | ±20%, DCR=61mΩmax, 3.3A | IHLP1212BZER3R3M11 | VISHAY | 3030 | Metal |
| | | | ±20%, DCR=114mΩmax, 4.25A | 74438336033 (WE-MAPI SMD) | WÜRTH | 3030 | Metal |

インダクタを使用する前には、最新のデータシートで各数値、データなどを確認してください。

22

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|-----------|-------|---------------------------|---------------------------|--------------|--------------------|---------------|
| 2A | BD9141MUV | 4.7μH | ±20%, DCR=44.1mΩmax, 4.5A | XAL4030-472ME | Coilcraft | 4040 | Metal |
| | | | ±30%, DCR=31.2mΩmax, 3.5A | LQH5BPN4R7N38 | Murata | 4949 | Ferrite |
| | | | ±20%, DCR=83mΩmax, 3.6A | FDSD0420-H-4R7M | Murata | 4242 | Metal 30Vdc |
| | | | ±20%, DCR=45.1mΩmax, 6.3A | CDMC50D38T150NP-4R7MC | Sumida | 5450 | Metal 40Vdc |
| | | | ±30%, DCR=37.7mΩmax, 3.3A | NRS5040T4R7NMGK | TAIYO YUDEN | 4949 | Ferrite |
| | | | ±30%, DCR=23mΩmax, 3.1A | CLF6045NIT-4R7N-D | TDK | 6360 | Ferrite |
| | | | ±20%, DCR=60mΩmax, 5.2A | IHLP2020CZER4R7M11 | VISHAY | 5255 | Metal |
| | | | ±20%, DCR=53.0mΩmax, 5.9A | 74437336047 (WE-LHMI SMD) | WÜRTH | 5252 | Metal |

23

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|--------------------------|-------|----------------------------|---------------------------|--------------|--------------------|---------------|
| 2.5A | BD9E300EFJ BD9E301EFJ | 4.7μH | ±20%, DCR=44.1mΩmax, 4.5A | XAL4030-472ME | Coilcraft | 4040 | Metal |
| | | | ±30%, DCR=31.2mΩmax, 3.5A | LQH5BPN4R7N38 | Murata | 4949 | Ferrite |
| | | | ±30%, DCR=26mΩmax, 4.5A | B1047AS-4R7N (DS75LC) | Murata | 7676 | Ferrite |
| | | | ±20%, DCR=84.26mΩmax, 4.4A | CDMC50D38T150NP-4R7MC | Sumida | 5450 | Metal 40Vdc |
| | | | ±30%, DCR=23.4mΩmax, 5.4A | NRS8040T4R7NJGJV | TAIYO YUDEN | 8080 | Ferrite |
| | | | ±30%, DCR=39mΩmax, 4.4A | NRS6045T4R5MJGJV | TAIYO YUDEN | 6060 | Ferrite |
| | | | ±20%, DCR=67.6mΩmax, 5.3A | SPM5020T-4R7M-LR | TDK | 5451 | Metal 50Vdc |
| | | | ±30%, DCR=18mΩmax, 4.1A | CLF7045NIT-4R7N-D | TDK | 7470 | Ferrite |
| | | | ±20%, DCR=30.3mΩmax, 7A | IHLP2525EZER4R7M01 | VISHAY | 6965 | Metal |
| | | | ±20%, DCR=53.0mΩmax, 5.9A | 74437336047 (WE-LHMI SMD) | WÜRTH | 5252 | Metal |

24

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|--------|----------------------------|--------------------------|--------------|--------------------|---------------|
| 3A | BD9B304QWZ | 0.47μH | ±20%, DCR=10.85mΩmax, 8.0A | XEL3520-471ME | Coilcraft | 3532 | Metal |
| | | | ±30%, DCR=14.4mΩmax, 7.7A | LQH5BPNR47NT0K | Murata | 5050 | Ferrite |
| | | | ±20%, DCR=40mΩmax, 4.0A | DFE201610P-R47M | Murata | 2016 | Metal 20Vdc |
| | | | ±20%, DCR=21mΩmax, 8.2A | 0412CDMCCDS-R47MC | Sumida | 4442 | Metal |
| | | | ±20%, DCR=30mΩmax, 4.3A | MEKK2016TR47M | TAIYO YUDEN | 2016 | Metal |
| | | | ±20%, DCR=34mΩmax, 5.1A | TFM201610ALM-R47MTAA | TDK | 2016 | Metal |
| | | | ±20%, DCR=35mΩmax, 3.8A | IHHP0806ABERR47M01 | VISHAY | 2016 | Metal |
| | | | ±20%, DCR=25mΩmax, 3.4A | 74479976147A (WE-PMMI) | WÜRTH | 2016 | Metal |

25

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|--|-------|---------------------------|--------------------------|--------------|--------------------|---------------|
| 3A | BD9B300MUV BD9B301MUV BD9B304QWZ BD9B331GWZ BD9B333GWZ | 1.0μH | ±20%, DCR=14.6mΩmax, 8.7A | XAL4020-102ME | Coilcraft | 4040 | Metal |
| | | | ±30%, DCR=14.4mΩmax, 7.0A | LQH5BPN1R0N38 | Murata | 4949 | Ferrite |
| | | | ±20%, DCR=40mΩmax, 4.7A | DFE252012F-1R0M | Murata | 2520 | Metal 20Vdc |
| | | | ±20%, DCR=16.9mΩmax, 6.8A | CDRH60D45/T150NP-1R0M | Sumida | 6259 | Ferrite |
| | | | ±30%, DCR=19.2mΩmax, 5.8A | NRS5024T1R0NMGJV | TAIYO YUDEN | 4949 | Ferrite |
| | | | ±20%, DCR=36.9mΩmax, 6.3A | SPM3020T-1R0M-LR | TDK | 3230 | Metal 50Vdc |
| | | | ±20%, DCR=56mΩmax, 3.9A | TFM201610ALM-1R0MTAA | TDK | 2016 | Metal |
| | | | ±20%, DCR=37.5mΩmax, 5.0A | IHLP1212ABER1R0M11 | VISHAY | 3030 | Metal |
| | | | ±20%, DCR=46mΩmax, 5.2A | 74479299210 (WE-PMCI) | WÜRTH | 3225 | Metal |

インダクタを使用する前には、最新のデータシートで各数値、データなどを確認してください。

26

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------|----------------------------|---------------------------|--------------|--------------------|---------------|
| 3A | BD9A300MUV | 1.5μH | ±20%, DCR=23.6mΩmax, 7.1A | XAL4020-152ME | Coilcraft | 4040 | Metal |
| | BD9A301MUV | | ±30%, DCR=16.8mΩmax, 6.5A | LQH5BPN1R5N38 | Murata | 4949 | Ferrite |
| | BD9A302QWZ | | ±20%, DCR=58mΩmax, 3.8A | DFE252012F-1R5M | Murata | 2520 | Metal 20Vdc |
| | BD9B300MUV | | ±20%, DCR=31.3mΩmax, 3.9A | CDRH4D22HPNP-1R5NC | Sumida | 4747 | Ferrite |
| | BD9B301MUV | | ±30%, DCR=26.4mΩmax, 5.2A | NRS5024T1R5NMGJV | TAIYO YUDEN | 4949 | Ferrite |
| | BD9B333GWZ | | ±20%, DCR=39.9mΩmax, 6.3A | SPM4020T-1R5M-LR | TDK | 4441 | Metal 50Vdc |
| | BD9D320EFJ | | ±30%, DCR=13mΩmax, 5.5A | CLF6045NIT-1R5N-D | TDK | 6360 | Ferrite |
| | BD9D321EFJ | | ±20%, DCR=18.5mΩmax, 7.0A | IHLP2020CZER1R5M11 | VISHAY | 5552 | Metal |
| | BD9D323QWZ | | ±20%, DCR=25.0mΩmax, 11.0A | 74437336015 (WE-LHMI SMD) | WÜRTH | 5252 | Metal |
| | BD95831MUV | | | | | | |

27

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------|----------------------------|---------------------------|--------------|--------------------|---------------|
| 3A | BD9D320EFJ | 2.2μH | ±20%, DCR=38.7mΩmax, 5.6A | XAL4020-222ME | Coilcraft | 4040 | Metal |
| | BD9D321EFJ | | ±30%, DCR=19.2mΩmax, 5.0A | LQH5BPN2R2N38 | Murata | 4949 | Ferrite |
| | BD9D323QWZ | | ±20%, DCR=40mΩmax, 5.4A | FDSD0518-H-2R2M | Murata | 5249 | Metal 30Vdc |
| | BD9139MUV | | ±20%, DCR=30.03mΩmax, 8.0A | CDMC50D38T150NP-2R5MC | Sumida | 5450 | Metal 40Vdc |
| | BD95831MUV | | ±30%, DCR=28.6mΩmax, 5.0A | NRS5040T2R2NMGJV | TAIYO YUDEN | 4949 | Ferrite |
| | | | ±20%, DCR=61.6mΩmax, 5.3A | SPM4020T-2R2M-LR | TDK | 4441 | Metal 50Vdc |
| | | | ±30%, DCR=13mΩmax, 6.2A | CLF7045NIT-2R2N-D | TDK | 7470 | Ferrite |
| | | | ±20%, DCR=25mΩmax, 5.0A | IHLP2020CZER2R2M11 | VISHAY | 5552 | Metal |
| | | | ±20%, DCR=35.0mΩmax, 10.8A | 74437336022 (WE-LHMI SMD) | WÜRTH | 5252 | Metal |
| | | | | | | | |

28

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------|---------------------------|---------------------------|--------------|--------------------|---------------|
| 3A | BD9C301FJ | 3.3μH | ±20%, DCR=28.6mΩmax, 5.5A | XAL4030-332ME | Coilcraft | 4040 | Metal |
| | BD9D320EFJ | | ±20%, DCR=58mΩmax, 4.6A | FDSD0518-H-3R3M | Murata | 5249 | Metal 30Vdc |
| | BD9D321EFJ | | ±30%, DCR=18.2mΩmax, 4.8A | CDRH8D28NP-3R3NC | Sumida | 8080 | Ferrite |
| | BD9D323QWZ | | ±20%, DCR=24.7mΩmax, 4.2A | NRS8030T3R3MJGJV | TAIYO YUDEN | 8080 | Ferrite |
| | BD9E302EFJ | | ±20%, DCR=61.0mΩmax, 6.5A | SPM5020T-3R3M-LR | TDK | 5451 | Metal 50Vdc |
| | BD95831MUV | | ±30%, DCR=16mΩmax, 4.7A | CLF7045NIT-3R3N-D | TDK | 7470 | Ferrite |
| | | | ±20%, DCR=20.9mΩmax, 8A | IHLP2525EZER3R3M01 | VISHAY | 6965 | Metal |
| | | | ±20%, DCR=38.0mΩmax, 8.4A | 74437336033 (WE-LHMI SMD) | WÜRTH | 5252 | Metal |

29

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|-----------|-------|----------------------------|---------------------------|--------------|--------------------|---------------|
| 3A | BD9C301FJ | 4.7μH | ±20%, DCR=44.1mΩmax, 4.5A | XAL4030-472ME | Coilcraft | 4040 | Metal |
| | | | ±20%, DCR=73mΩmax, 3.9A | FDSD0518-H-4R7M | Murata | 5249 | Metal 30Vdc |
| | | | ±20%, DCR=45.1mΩmax, 6.3A | CDMC50D38T150NP-4R7MC | Sumida | 5450 | Metal 40Vdc |
| | | | ±30%, DCR=23.4mΩmax, 5.4A | NRS8040T4R7NJGJV | TAIYO YUDEN | 8080 | Ferrite |
| | | | ±20%, DCR=67.6mΩmax, 5.3A | SPM5020T-4R7M-LR | TDK | 5451 | Metal 50Vdc |
| | | | ±30%, DCR=18mΩmax, 4.1A | CLF7045NIT-4R7N-D | TDK | 7470 | Ferrite |
| | | | ±20%, DCR=30.3mΩmax, 7A | IHLP2525EZER4R7M01 | VISHAY | 6965 | Metal |
| | | | ±20%, DCR=30.8mΩmax, 11.0A | 74437349047 (WE-LHMI SMD) | WÜRTH | 7366 | Metal |

インダクタを使用する前には、最新のデータシートで各数値、データなどを確認してください。

30

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------------|--|---------------------------|--------------|--------------------|---------------|
| 3A | BD9E302EFJ | 4.7 μ H | $\pm 20\%$, DCR=44.1m Ω max, 4.5A | XAL4030-472ME | Coilcraft | 4040 | Metal |
| | | | $\pm 20\%$, DCR=40m Ω max, 7.6A | FSD0630-H-4R7M | Murata | 7066 | Metal 30Vdc |
| | | | $\pm 20\%$, DCR=45.1m Ω max, 6.3A | CDMC50D38T150NP-4R7MC | Sumida | 5450 | Metal 40Vdc |
| | | | $\pm 30\%$, DCR=23.4m Ω max, 5.4A | NRS8040T4R7NJGJV | TAIYO YUDEN | 8080 | Ferrite |
| | | | $\pm 20\%$, DCR=39.38m Ω max, 6.2A | SPM6530T-4R7M | TDK | 7065 | Metal 50Vdc |
| | | | $\pm 20\%$, DCR=30.3m Ω max, 7A | IHLP2525EZER4R7M01 | VISHAY | 6965 | Metal |
| | | | $\pm 20\%$, DCR=30.8m Ω max, 11.0A | 74437349047 (WE-LHMI SMD) | WÜRTH | 7366 | Metal |

31

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------------|--|---------------------------|--------------|--------------------|---------------|
| 3A | BD9E303EFJ | 4.7 μ H | $\pm 20\%$, DCR=44.1m Ω max, 4.5A | XAL4030-472ME | Coilcraft | 4040 | Metal |
| | | | $\pm 30\%$, DCR=26m Ω max, 4.5A | B1047AS-4R7N (DS75LC) | Murata | 7676 | Ferrite |
| | | | $\pm 20\%$, DCR=45.1m Ω max, 6.3A | CDMC50D38T150NP-4R7MC | Sumida | 5450 | Metal 40Vdc |
| | | | $\pm 30\%$, DCR=23.4m Ω max, 5.4A | NRS8040T4R7NJGJV | TAIYO YUDEN | 8080 | Ferrite |
| | | | $\pm 20\%$, DCR=67.6m Ω max, 5.3A | SPM5020T-4R7M-LR | TDK | 5451 | Metal 50Vdc |
| | | | $\pm 30\%$, DCR=18m Ω max, 4.1A | CLF7045NIT-4R7N-D | TDK | 7470 | Ferrite |
| | | | $\pm 20\%$, DCR=30.3m Ω max, 7A | IHLP2525EZER4R7M01 | VISHAY | 6965 | Metal |
| | | | $\pm 20\%$, DCR=30.8m Ω max, 11.0A | 74437349047 (WE-LHMI SMD) | WÜRTH | 7366 | Metal |

32

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|------------|--|---------------------------|--------------|--------------------|---------------|
| 3A | BD9E303EFJ | 10 μ H | $\pm 20\%$, DCR=29.82m Ω max, 7.6A | XAL6060-103ME | Coilcraft | 6466 | Metal |
| | | | $\pm 20\%$, DCR=39.6m Ω max, 4.3A | 1217AS-H-100M (DEM8045C) | Murata | 8080 | Ferrite |
| | | | $\pm 20\%$, DCR=87.26m Ω max, 4.4A | CDMC50D38T150NP-100MC | Sumida | 5450 | Metal 40Vdc |
| | | | $\pm 20\%$, DCR=24m Ω max, 4.49A | NS10155T100MNV | TAIYO YUDEN | 101101 | Ferrite |
| | | | $\pm 20\%$, DCR=12.4m Ω max, 7.5A | RLF12560T-100M7R5 | TDK | 128125 | Ferrite |
| | | | $\pm 20\%$, DCR=71.3m Ω max, 4.5A | IHLP2525EZER100M01 | VISHAY | 6965 | Metal |
| | | | $\pm 20\%$, DCR=69.0m Ω max, 8.0A | 74437349100 (WE-LHMI SMD) | WÜRTH | 7366 | Metal |

33

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|-------------|------------|--|---------------------------|--------------|--------------------|---------------|
| 3A | BD9G341AEFJ | 15 μ H | $\pm 20\%$, DCR=32m Ω max, 5.9A | #B953AS-150M (DS126C2) | Murata | 128128 | Ferrite |
| | | | $\pm 20\%$, DCR=36m Ω max, 4.9A | CDRH10D60BT150NP-150MC | Sumida | 103100 | Ferrite |
| | | | $\pm 20\%$, DCR=28.8m Ω max, 5.85A | CLF12577NIT-150M-D | TDK | 128125 | Ferrite |
| | | | $\pm 20\%$, DCR=45m Ω max, 6.0A | IHLP4040DZER150M11 | VISHAY | 103103 | Metal |
| | | | $\pm 20\%$, DCR=51.8m Ω max, 12.4A | 74437358100 (WE-LHMI SMD) | WÜRTH | 9285 | Metal |

34

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|-------------|------------|---|---------------------------|--------------|--------------------|---------------|
| 3A | BD9G341AEFJ | 22 μ H | $\pm 20\%$, DCR=46m Ω max, 4.6A | #B953AS-220M (DS126C2) | Murata | 128128 | Ferrite |
| | | | $\pm 20\%$, DCR=51.6m Ω max, 4.1A | CDRH10D60BT150NP-220MC | Sumida | 103100 | Ferrite |
| | | | $\pm 20\%$, DCR=32.4m Ω max, 4.3A | CLF12577NIT-220M-D | TDK | 128125 | Ferrite |
| | | | $\pm 20\%$, DCR=66.0m Ω max, 4.5A | IHLP4040DZER220M11 | VISHAY | 103103 | Metal |
| | | | $\pm 20\%$, DCR=74m Ω max, 8A | 74437368220 (WE-LHMI SMD) | WÜRTH | 11098 | Metal |

インダクタを使用する前には、最新のデータシートで各数値、データなどを確認してください。

35

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|-------------|------------|--|---------------------------|--------------|--------------------|---------------|
| 3A | BD9G341AEFJ | 33 μ H | $\pm 20\%$, DCR=68.4m Ω max, 3.35A | CDRH10D60BT150NP-330MC | Sumida | 103100 | Ferrite |
| | | | $\pm 20\%$, DCR=62.4m Ω max, 3.65A | CLF12577NIT-330M-D | TDK | 128125 | Ferrite |
| | | | $\pm 20\%$, DCR=94.5m Ω max, 4.0A | IHLP4040DZER330M11 | VISHAY | 103103 | Metal |
| | | | $\pm 20\%$, DCR=112m Ω max, 5A | 74437368330 (WE-LHMI SMD) | WÜRTH | 11098 | Metal |

36

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------------|---|---------------------------|--------------|--------------------|---------------|
| 4A | BD9B400MUV | 1.0 μ H | $\pm 20\%$, DCR=14.6m Ω max, 8.7A | XAL4020-102ME | Coilcraft | 4040 | Metal |
| | | | $\pm 30\%$, DCR=14.4m Ω max, 7.0A | LQH5BPN1R0N38 | Murata | 4949 | Ferrite |
| | | | $\pm 20\%$, DCR=32m Ω max, 4.8A | DFE322512F-1R0M | Murata | 3225 | Metal 20Vdc |
| | | | $\pm 20\%$, DCR=16.9m Ω max, 6.8A | CDRH60D45/T150NP-1R0M | Sumida | 6259 | Ferrite |
| | | | $\pm 30\%$, DCR=19.2m Ω max, 5.8A | NRS5024T1R0NMGJV | TAIYO YUDEN | 4949 | Ferrite |
| | | | $\pm 20\%$, DCR=17.2m Ω max, 9.5A | SPM5020T-1R0M-LR | TDK | 5451 | Metal 50Vdc |
| | | | $\pm 20\%$, DCR=11.0m Ω max, 6.5A | IHLP2020CZER1R0M11 | VISHAY | 5552 | Metal |
| | | | $\pm 20\%$, DCR=27m Ω max, 9.0A | 74437324010 (WE-LHMI SMD) | WÜRTH | 4141 | Metal |

37

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|--------------------------|-------------|--|---------------------------|--------------|--------------------|---------------|
| 4A | BD9A400MUV BD95841MUV | 1.5 μ H | $\pm 20\%$, DCR=23.6m Ω max, 7.1A | XAL4020-152ME | Coilcraft | 4040 | Metal |
| | | | $\pm 30\%$, DCR=16.8m Ω max, 6.5A | LQH5BPN1R5N38 | Murata | 4949 | Ferrite |
| | | | $\pm 20\%$, DCR=47m Ω max, 5.0A | FDSD0415-H-1R5M | Murata | 4242 | Metal 30Vdc |
| | | | $\pm 20\%$, DCR=18.2m Ω max, 7.8A | CDRH70D45/T150NP-1R5M | Sumida | 7269 | Ferrite |
| | | | $\pm 30\%$, DCR=22.1m Ω max, 6.4A | NRS5040T1R5NMGJV | TAIYO YUDEN | 4949 | Ferrite |
| | | | $\pm 20\%$, DCR=24.8m Ω max, 9.0A | SPM5020T-1R5M-LR | TDK | 5451 | Metal 50Vdc |
| | | | $\pm 30\%$, DCR=10m Ω max, 6.3A | CLF7045NIT-1R5N-D | TDK | 7470 | Ferrite |
| | | | $\pm 20\%$, DCR=18.5m Ω max, 7.0A | IHLP2020CZER1R5M11 | VISHAY | 5552 | Metal |
| | | | $\pm 20\%$, DCR=25.0m Ω max, 11.0A | 74437336015 (WE-LHMI SMD) | WÜRTH | 5252 | Metal |

38

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|-------------------------|-------------|--|---------------------------|--------------|--------------------|---------------|
| 4A | BD9137MUV BD95841MUV | 2.2 μ H | $\pm 20\%$, DCR=38.7m Ω max, 5.6A | XAL4020-222ME | Coilcraft | 4040 | Metal |
| | | | $\pm 30\%$, DCR=19.2m Ω max, 5.0A | LQH5BPN2R2N38 | Murata | 4949 | Ferrite |
| | | | $\pm 20\%$, DCR=40m Ω max, 5.4A | FDSD0518-H-2R2M | Murata | 5249 | Metal 30Vdc |
| | | | $\pm 20\%$, DCR=30.03m Ω max, 8.0A | CDMC50D38T150NP-2R5MC | Sumida | 5450 | Metal 40Vdc |
| | | | $\pm 30\%$, DCR=10.2m Ω max, 8.91A | NS10145T2R2NNV | TAIYO YUDEN | 101101 | Ferrite |
| | | | $\pm 20\%$, DCR=40.7m Ω max, 7.0A | SPM5020T-2R2M-LR | TDK | 5451 | Metal 50Vdc |
| | | | $\pm 30\%$, DCR=13m Ω max, 6.2A | CLF7045NIT-2R2N-D | TDK | 7470 | Ferrite |
| | | | $\pm 20\%$, DCR=25m Ω max, 5.5A | IHLP2020CZER2R2M11 | VISHAY | 5552 | Metal |
| | | | $\pm 20\%$, DCR=35.0m Ω max, 10.8A | 74437336022 (WE-LHMI SMD) | WÜRTH | 5252 | Metal |

39

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------------|---|---------------------------|--------------|--------------------|---------------|
| 4A | BD95841MUV | 3.3 μ H | $\pm 20\%$, DCR=28.6m Ω max, 5.5A | XAL4030-332ME | Coilcraft | 4040 | Metal |
| | | | $\pm 20\%$, DCR=28m Ω max, 8.0A | FDSD0630-H-3R3M | Murata | 7066 | Metal 30Vdc |
| | | | $\pm 20\%$, DCR=11.66m Ω max, 12A | CDMC80D50T150NP-3R3M | Sumida | 8580 | Metal 40Vdc |
| | | | $\pm 30\%$, DCR=12m Ω max, 7.33A | NS10145T3R3NNV | TAIYO YUDEN | 101101 | Ferrite |
| | | | $\pm 20\%$, DCR=29.7m Ω max, 7.3A | SPM6530T-3R3M | TDK | 7165 | Metal 50Vdc |
| | | | $\pm 20\%$, DCR=20.9m Ω max, 8A | IHLP2525EZER3R3M01 | VISHAY | 6965 | Metal |
| | | | $\pm 20\%$, DCR=20.9m Ω max, 12A | 74437349033 (WE-LHMI SMD) | WÜRTH | 7366 | Metal |

インダクタを使用する前には、最新のデータシートで各数値、データなどを確認してください。

40

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------------|--|---------------------------|--------------|--------------------|---------------|
| 4A | BD9C401EFJ | 4.7 μ H | $\pm 20\%$, DCR=36.6m Ω max, 6.7A | XAL5030-472ME | Coilcraft | 5553 | Metal |
| | | | $\pm 20\%$, DCR=40m Ω max, 7.6A | FDSD0630-H-4R7M | Murata | 7066 | Metal 30Vdc |
| | | | $\pm 20\%$, DCR=45.1m Ω max, 6.3A | CDMC50D38T150NP-4R7MC | Sumida | 5450 | Metal 40Vdc |
| | | | $\pm 30\%$, DCR=23.4m Ω max, 5.4A | NRS8040T4R7NJGJV | TAIYO YUDEN | 8080 | Ferrite |
| | | | $\pm 20\%$, DCR=39.4m Ω max, 6.2A | SPM6530T-4R7M | TDK | 7165 | Metal 50Vdc |
| | | | $\pm 20\%$, DCR=30.3m Ω max, 6.5A | IHLP2525EZER4R7M01 | VISHAY | 6965 | Metal |
| | | | $\pm 20\%$, DCR=30.8m Ω max, 11.0A | 74437349047 (WE-LHMI SMD) | WÜRTH | 7366 | Metal |

41

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------------|---|---------------------------|--------------|--------------------|---------------|
| 5A | BD9B500MUV | 1.0 μ H | $\pm 20\%$, DCR=14.6m Ω max, 8.7A | XAL4020-102ME | Coilcraft | 4040 | Metal |
| | | | $\pm 20\%$, DCR=29m Ω max, 6.8A | FDSD0420-H-1R0M | Murata | 4242 | Metal 30Vdc |
| | | | $\pm 20\%$, DCR=18.15m Ω max, 11.5A | CDMC50D38T150NP-1R0MC | Sumida | 5450 | Metal 40Vdc |
| | | | $\pm 30\%$, DCR=11.7m Ω max, 7.8A | NRS8030T1R0NJGJV | TAIYO YUDEN | 8080 | Ferrite |
| | | | $\pm 20\%$, DCR=11.44m Ω max, 8.5A | SPM5030T-1R0M | TDK | 5250 | Metal 50Vdc |
| | | | $\pm 20\%$, DCR=13.7m Ω max, 12.0A | IHLP2020CZER1R0M01 | VISHAY | 5552 | Metal |
| | | | $\pm 20\%$, DCR=6.5m Ω max, 19.5A | 74437349010 (WE-LHMI SMD) | WÜRTH | 7366 | Metal |

42

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------------|---|---------------------------|--------------|--------------------|---------------|
| 5A | BD9C501EFJ | 3.3 μ H | $\pm 20\%$, DCR=23.3m Ω max, 8.7A | XAL5030-332ME | Coilcraft | 5553 | Metal |
| | | | $\pm 20\%$, DCR=28m Ω max, 8.0A | FDSD0630-H-3R3M | Murata | 7066 | Metal 30Vdc |
| | | | $\pm 20\%$, DCR=11.66m Ω max, 12A | CDMC80D50T150NP-3R3M | Sumida | 8580 | Metal 40Vdc |
| | | | $\pm 30\%$, DCR=12m Ω max, 7.33A | NS10145T3R3NNV | TAIYO YUDEN | 101101 | Ferrite |
| | | | $\pm 20\%$, DCR=29.7m Ω max, 7.3A | SPM6530T-3R3M | TDK | 7165 | Metal 50Vdc |
| | | | $\pm 20\%$, DCR=20.9m Ω max, 8A | IHLP2525EZER3R3M01 | VISHAY | 6965 | Metal |
| | | | $\pm 20\%$, DCR=20.9m Ω max, 12A | 74437349033 (WE-LHMI SMD) | WÜRTH | 7366 | Metal |

43

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|--------------------------|-------------|---|---------------------------|--------------|--------------------|---------------|
| 6A | BD9A600MUV BD9B600MUV | 1.0 μ H | $\pm 20\%$, DCR=14.6m Ω max, 8.7A | XAL4020-102ME | Coilcraft | 4040 | Metal |
| | | | $\pm 20\%$, DCR=21m Ω max, 8.7A | FDSD0518-H-1R0M | Murata | 5249 | Metal 30Vdc |
| | | | $\pm 20\%$, DCR=18.15m Ω max, 11.5A | CDMC50D38T150NP-1R0MC | Sumida | 5450 | Metal 40Vdc |
| | | | $\pm 30\%$, DCR=11.7m Ω max, 7.8A | NRS8030T1R0NJGJV | TAIYO YUDEN | 8080 | Ferrite |
| | | | $\pm 20\%$, DCR=11.44m Ω max, 8.5A | SPM5030T-1R0M | TDK | 5250 | Metal 50Vdc |
| | | | $\pm 20\%$, DCR=13.7m Ω max, 12.0A | IHLP2020CZER1R0M01 | VISHAY | 5552 | Metal |
| | | | $\pm 20\%$, DCR=6.5m Ω max, 19.5A | 74437349010 (WE-LHMI SMD) | WÜRTH | 7366 | Metal |

44

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|--------------------------|-------------|---|---------------------------|--------------|--------------------|---------------|
| 6A | BD9A600MUV BD95861MUV | 1.5 μ H | $\pm 20\%$, DCR=12.4m Ω max, 12.5A | XAL5030-122ME | Coilcraft | 5553 | Metal |
| | | | $\pm 30\%$, DCR=13m Ω max, 9.8A | FDSD0630-H-1R5N | Murata | 7066 | Metal 30Vdc |
| | | | $\pm 20\%$, DCR=22m Ω max, 9.8A | CDMC50D38T150NP-1R5MC | Sumida | 5450 | Metal 40Vdc |
| | | | $\pm 30\%$, DCR=9.1m Ω max, 10A | NRS8040T1R4NJGJV | TAIYO YUDEN | 8080 | Ferrite |
| | | | $\pm 20\%$, DCR=10.67m Ω max, 11.5A | SPM6530T-1R5M100 | TDK | 7165 | Metal 50Vdc |
| | | | $\pm 20\%$, DCR=9.0m Ω max, 12.0A | IHLP2525EZER1R5M01 | VISHAY | 6965 | Metal |
| | | | $\pm 20\%$, DCR=9.0m Ω max, 14.5A | 74437349015 (WE-LHMI SMD) | WÜRTH | 7366 | Metal |

インダクタを使用する前には、最新のデータシートで各数値、データなどを確認してください。

45

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------|---------------------------|---------------------------|--------------|--------------------|---------------|
| 6A | BD95861MUV | 2.2μH | ±20%, DCR=14.5mΩmax, 9.2A | XAL5030-222ME | Coilcraft | 5553 | Metal |
| | | | ±20%, DCR=17mΩmax, 12A | FDSD0630-H-2R2M | Murata | 7066 | Metal 30Vdc |
| | | | ±20%, DCR=30mΩmax, 8.0A | CDMC50D38T150NP-2R5MC | Sumida | 5450 | Metal 40Vdc |
| | | | ±30%, DCR=11.7mΩmax, 8.1A | NRS8040T2R0NJGJ | TAIYO YUDEN | 8080 | Ferrite |
| | | | ±20%, DCR=19mΩmax, 11.5A | SPM6530T-2R2M | TDK | 7165 | Metal 50Vdc |
| | | | ±20%, DCR=13.6mΩmax, 10A | IHLP2525EZER2R2M01 | VISHAY | 6965 | Metal |
| | | | ±20%, DCR=12.0mΩmax, 14A | 74437349022 (WE-LHMI SMD) | WÜRTH | 7366 | Metal |

46

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------|---------------------------|---------------------------|--------------|--------------------|---------------|
| 6A | BD9C601EFJ | 3.3μH | ±20%, DCR=23.3mΩmax, 8.7A | XAL5030-332ME | Coilcraft | 5553 | Metal |
| | | | ±20%, DCR=28mΩmax, 8.0A | FDSD0630-H-3R3M | Murata | 7066 | Metal 30Vdc |
| | | | ±20%, DCR=11.66mΩmax, 12A | CDMC80D50T150NP-3R3M | Sumida | 8580 | Metal 40Vdc |
| | | | ±30%, DCR=12mΩmax, 7.33A | NS10145T3R3NNV | TAIYO YUDEN | 101101 | Ferrite |
| | | | ±20%, DCR=29.7mΩmax, 7.3A | SPM6530T-3R3M | TDK | 7165 | Metal 50Vdc |
| | | | ±20%, DCR=20.9mΩmax, 8A | IHLP2525EZER3R3M01 | VISHAY | 6965 | Metal |
| | | | ±20%, DCR=20.9mΩmax, 12A | 74437349033 (WE-LHMI SMD) | WÜRTH | 7366 | Metal |

47

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------|----------------------------|---------------------------|--------------|--------------------|---------------|
| 8A | BD9F800MUV | 1.0μH | ±20%, DCR=9.4mΩmax, 14A | XAL5030-102ME | Coilcraft | 5553 | Metal |
| | | | ±30%, DCR=11mΩmax, 15A | FDSD0603-H-1R0M | Murata | 7066 | Metal 30Vdc |
| | | | ±20%, DCR=14mΩmax, 12A | 0530CDMCCDS-1R0MC | Sumida | 5754 | Metal 40Vdc |
| | | | ±30%, DCR=7.8mΩmax, 13A | NRS8040T1R0NJGJ | TAIYO YUDEN | 8080 | Ferrite |
| | | | ±20%, DCR=7.81mΩmax, 14.1A | SPM6530T-1R0M120 | TDK | 7165 | Metal 50Vdc |
| | | | ±20%, DCR=13.7mΩmax, 12.0A | IHLP2020CZER1R0M01 | VISHAY | 5552 | Metal 50vdc |
| | | | ±20%, DCR=6.5mΩmax, 19.5A | 74437349010 (WE-LHMI SMD) | WÜRTH | 7366 | Metal |

48

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------|-----------------------------|---------------------------|--------------|--------------------|---------------|
| 8A | BD9F800MUV | 1.5μH | ±20%, DCR=12.4mΩmax, 12.5A | XAL5030-122ME | Coilcraft | 5553 | Metal |
| | | | ±30%, DCR=13mΩmax, 13A | FDSD0603-H-1R5N | Murata | 7066 | Metal 30Vdc |
| | | | ±20%, DCR=19mΩmax, 15A | 0624CDMCCDS-1R5MC | Sumida | 7368 | Metal 40Vdc |
| | | | ±30%, DCR=7.2mΩmax, 11.9A | NS10155T1R5NNA | TAIYO YUDEN | 101101 | Ferrite |
| | | | ±20%, DCR=10.67mΩmax, 11.5A | SPM6530T-1R5M100 | TDK | 7165 | Metal 50Vdc |
| | | | ±20%, DCR=9mΩmax, 12A | IHLP2525EZER1R5M01 | VISHAY | 6965 | Metal 75Vdc |
| | | | ±20%, DCR=13.3mΩmax, 21A | 74437356015 (WE-LHMI SMD) | WÜRTH | 9785 | Metal |

49

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------|---------------------------|---------------------------|--------------|--------------------|---------------|
| 8A | BD9F800MUV | 2.2μH | ±20%, DCR=14.5mΩmax, 9.2A | XAL5030-222ME | Coilcraft | 5553 | Metal |
| | | | ±20%, DCR=4.8mΩmax, 15.5A | FDA1055-H-2R2M | Murata | 108108 | Metal 30Vdc |
| | | | ±20%, DCR=15mΩmax, 12.3A | 0630CDMCCDS-2R5MC | Sumida | 7368 | Metal 40Vdc |
| | | | ±30%, DCR=10.4mΩmax, 10A | NR10050T2R1N | TAIYO YUDEN | 10098 | Ferrite |
| | | | ±20%, DCR=7.5mΩmax, 12.2A | SPM10040T-2R2M | TDK | 107100 | Metal 50Vdc |
| | | | ±20%, DCR=13.6mΩmax, 10A | IHLP2525EZER2R2M01 | VISHAY | 6965 | Metal 75Vdc |
| | | | ±20%, DCR=9.41mΩmax, 22A | 74437358022 (WE-LHMI SMD) | WÜRTH | 9785 | Metal |

インダクタを使用する前には、最新のデータシートで各数値、データなどを確認してください。

50

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------------|---|---------------------------|--------------|--------------------|---------------|
| 8A | BD9F800MUV | 3.3 μ H | $\pm 20\%$, DCR=21.45m Ω max, 12.3A | XAL7030-332ME | Coilcraft | 7575 | Metal |
| | | | $\pm 20\%$, DCR=7.3m Ω max, 11.7A | FDA1055-H-3R3M | Murata | 108108 | Metal 30Vdc |
| | | | $\pm 20\%$, DCR=22m Ω max, 11.4A | 0630CDMCCDS-3R3MC | Sumida | 7368 | Metal 40Vdc |
| | | | $\pm 30\%$, DCR=11.9m Ω max, 12.52A | NS12575T3R9NN | TAIYO YUDEN | 125125 | Ferrite |
| | | | $\pm 20\%$, DCR=11m Ω max, 11A | SPM10040T-3R3M | TDK | 107100 | Metal 50Vdc |
| | | | $\pm 20\%$, DCR=17.7m Ω max, 20A | IHLP3232DZER3R3M01 | VISHAY | 8682 | Metal 75Vdc |
| | | | $\pm 20\%$, DCR=11m Ω max, 24.5A | 74437377033 (WE-LHMI SMD) | WÜRTH | 135126 | Metal |

51

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------------|--|----------------------------|--------------|--------------------|---------------|
| 8A | BD9F800MUV | 4.7 μ H | $\pm 20\%$, DCR=30m Ω max, 10.1A | XAL7030-472ME | Coilcraft | 7575 | Metal |
| | | | $\pm 20\%$, DCR=11m Ω max, 9.9A | FDA1055-H-4R7M | Murata | 108108 | Metal 30Vdc |
| | | | $\pm 20\%$, DCR=12m Ω max, 18A | CDEIR10D50MENP-4R7MC | Sumida | 115107 | Metal 40Vdc |
| | | | $\pm 30\%$, DCR=8.7m Ω max, 9.6A | CLF12577NIT-4R7N-D | TDK | 128125 | Metal 50Vdc |
| | | | $\pm 20\%$, DCR=16.5m Ω max, 17A | IHLP4040DZER4R7M01 | VISHAY | 108103 | Metal 75Vdc |
| | | | $\pm 20\%$, DCR=8.4m Ω max, 27A | 744373965047 (WE-LHMI SMD) | WÜRTH | 135125 | Metal |

52

| Output current | IC Type | Value | Description | Manufacturer Part Number | Manufacturer | Configuration (mm) | Core material |
|----------------|------------|-------------|---|----------------------------|--------------|--------------------|---------------|
| 8A | BD9F800MUV | 5.6 μ H | $\pm 20\%$, DCR=15.03m Ω max, 13A | XAL7070-562ME | Coilcraft | 7572 | Metal |
| | | | $\pm 20\%$, DCR=9.4m Ω max, 10.8A | FDA1254-H-5R6M | Murata | 126125 | Metal 30Vdc |
| | | | $\pm 20\%$, DCR=9m Ω max, 13A | CDEIR12D50MENP-5R6MC | Sumida | 131130 | Metal 40Vdc |
| | | | $\pm 20\%$, DCR=19.3m Ω max, 16A | IHLP4040DZER5R6M01 | VISHAY | 108103 | Metal |
| | | | $\pm 20\%$, DCR=10m Ω max, 25A | 744373965056 (WE-LHMI SMD) | WÜRTH | 135125 | Metal |

インダクタを使用する前には、最新のデータシートで各数値、データなどを確認してください。

ご 注 意

- 1) 本資料の記載内容は改良などのため予告なく変更することがあります。
- 2) 本資料に記載されている内容は製品のご紹介資料です。ご使用に際しては、別途最新の仕様書を必ずご請求のうえ、ご確認ください。
- 3) ロームは常に品質・信頼性の向上に取り組んでおりますが、半導体製品は種々の要因で故障・誤作動する可能性があります。
万が一、本製品が故障・誤作動した場合であっても、その影響により人身事故、火災損害等が起こらないようご使用機器でのディレーティング、冗長設計、延焼防止、バックアップ、フェイルセーフ等の安全確保をお願いします。定格を超えたご使用や使用上の注意書が守られていない場合、いかなる責任もロームは負うものではありません。
- 4) 本資料に記載されております応用回路例やその定数などの情報につきましては、本製品の標準的な動作や使い方を説明するものです。
したがって、量産設計をされる場合には、外部諸条件を考慮していただきますようお願いいたします。
- 5) 本資料に記載されております技術情報は、製品の代表的動作および応用回路例などを示したものであり、ロームまたは他社の知的財産権その他のあらゆる権利について明示的にも黙示的にも、その実施または利用を許諾するものではありません。上記技術情報の使用に起因して紛争が発生した場合、ロームはその責任を負うものではありません。
- 6) 本資料に掲載されております製品は、耐放射線設計はなされていません。
- 7) 本製品を下記のような特に高い信頼性が要求される機器等に使用される際には、ロームへ必ずご連絡の上、承諾を得てください。
・輸送機器（車載、船舶、鉄道など）、幹線用通信機器、交通信号機器、防災・防犯装置、安全確保のための装置、医療機器、サーバー、太陽電池、送電システム
- 8) 本製品を極めて高い信頼性を要求される下記のような機器等には、使用しないでください。
・航空宇宙機器、原子力制御機器、海底中継機器
- 9) 本資料の記載に従わないために生じたいかなる事故、損害もロームはその責任を負うものではありません。
- 10) 本資料に記載されております情報は、正確を期すため慎重に作成したのですが、万が一、当該情報の誤り・誤植に起因する損害がお客様に生じた場合においても、ロームはその責任を負うものではありません。
- 11) 本製品のご使用に際しては、RoHS 指令など適用される環境関連法令を遵守の上ご使用ください。
お客様がかかる法令を順守しないことにより生じた損害に関して、ロームは一切の責任を負いません。
本製品の RoHS 適合性などの詳細につきましては、セールス・オフィスまでお問合せください。
- 12) 本製品および本資料に記載の技術を輸出又は国外へ提供する際には、「外国為替及び外国貿易法」、「米国輸出管理規則」など適用される輸出関連法令を遵守し、それらの定めにしたがって必要な手続を行ってください。
- 13) 本資料の一部または全部をロームの許可なく、転載・複写することを堅くお断りします。



ローム製品のご検討ありがとうございます。
より詳しい資料やカタログなどご用意しておりますので、お問合せください。

ROHM Customer Support System

<http://www.rohm.co.jp/contact/>