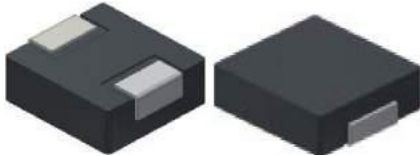


## High Current, Power Inductors

### FXC0420-XXX-M Power Choke



#### Description

- Halogen Free
- 125°C maximum total temperature mount package
- Powder iron core material
- Magnetically shielded, low EMI
- High current carrying capacity, Low core losses
- Inductance range from 0.22μH to 100μH
- Current range from 1.8 to 100Amps
- Frequency range up to 5MHz
- RoHS compliant

#### Applications

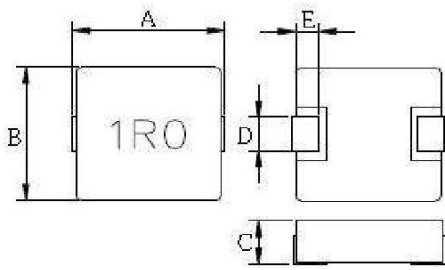
- Voltage Regulator Module (VRM)
- Multi-phase regulators
- Point-of-load modules
- Smart phone POL modules
- SSD modules
- Notebook regulators
- Battery power systems
- Graphics cards
- Data networking and storage systems

#### Environmental Data

- Storage temperature range: -55°C to +125 °C
- Operating temperature range: -55°C to +125°C (ambient plus self-temperature rise)
- Solder reflow temperature: J-STD-020D compliant

Description			
FXC0420-1R5-M	1.5μH	±20 %	
Model	Inductance Value	Inductance Tolerance	
Global Part Number			
F X C	0 4 2 0	1 R 5	M
Product Series	Dimensions	Inductance	Value Tol.

■ PRODUCT SERIES



Dimension in mm					
Part No.	A (Max)	B (Max)	C (Max)	D	E
FXC0415	4.9	4.5	1.5	1.5±0.5	1.0±0.3
FXC0418	4.9	4.5	1.8	1.5±0.5	1.0±0.3
FXC0420	4.9	4.5	2.0	1.5±0.5	1.0±0.3
FXC0515	5.9	5.2	1.5	2.0±0.5	1.2±0.5
FXC0520	5.9	5.2	2.0	2.0±0.5	1.0±0.3
FXC0530	5.9	5.2	3.0	2.0±0.5	1.0±0.3
FXC0540	5.9	5.2	4.0	2.0±0.5	1.0±0.3
FXC0550	5.9	5.2	5.0	2.0±0.5	1.0±0.3
FXC0560	5.9	5.2	6.0	2.0±0.5	1.2±0.5
FXC0615	7.8	7.0	1.5	3.0±0.3	1.5±0.5
FXC0618	7.8	7.0	1.8	3.0±0.3	1.5±0.5
FXC0620	7.8	7.0	2.0	3.0±0.3	1.5±0.5
FXC0624	7.8	7.0	2.4	3.0±0.3	1.5±0.5
FXC0630	7.8	7.0	3.0	3.0±0.3	1.5±0.5
FXC0640	7.8	7.0	4.0	3.0±0.3	1.5±0.5
FXC0650	7.9	7.0	5.0	3.0±0.3	1.5±0.5
FXC1030	11.8	10.8	3.0	3.0±0.5	2.0±0.5
FXC1040	11.8	10.8	4.0	3.0±0.5	2.0±0.5
FXC1235	14.5	13.5	3.5	3.5±0.5	2.5±0.5
FXC1240	14.5	13.5	4.0	3.5±0.5	2.5±0.5
FXC1250	14.5	13.5	5.0	3.5±0.5	2.5±0.5
FXC1260	14.5	13.5	6.0	3.5±0.5	2.5±0.5
FXC1265	14.5	13.5	6.5	3.5±0.5	2.5±0.5
FXC1770	17.5	19.0	7.0	11.7±0.3	3.3±0.5

PRODUCT SPECIFICATIONS

04 系 SPECIFICATION

FXC0415 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC0415-R22M	0.22	7.5	9	6	9
FXC0415-R47M	0.47	14.7	20	5	7
FXC0415-1R0M	1.0	35	45	3.5	5
FXC0415-1R5M	1.5	46	63	3	4
FXC0415-2R2M	2.2	76	100	2.5	3
FXC0415-4R7M	4.7	115	140	2	2.5

FXC0418 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC0418-1R0M	1.0	25	27	4.5	7
FXC0418-1R5M	1.5	32	48	4	6
FXC0418-2R2M	2.2	47	58	3	5
FXC0418-4R7M	4.7	96	150	2	3

FXC0420 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC0420-R22M	0.22	6.2	8	9	12
FXC0420-R33M	0.33	8	10	8	11
FXC0420-R36M	0.36	8.6	12	7	10
FXC0420-R47M	0.47	10	14	6	9.5
FXC0420-R56M	0.56	14	18	5	8
FXC0420-R68M	0.68	14	21	5.2	8
FXC0420-1R0M	1.0	25	27	4.5	7
FXC0420-1R5M	1.5	32	45	4	6
FXC0420-2R2M	2.2	47	58	3	5
FXC0420-2R7M	2.7	47	58	3	4
FXC0420-3R3M	3.3	85	90	2	3
FXC0420-4R7M	4.7	105	150	2	3
FXC0420-6R8M	6.8	130	170	2	2.5
FXC0420-100M	10	170	200	1.5	1.8

## 05 系 SPECIFICATION

### FXC0515 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC0515-1R0M	1.0	18	25	5	7
FXC0515-2R2M	2.2	78	85	3	5
FXC0515-4R7M	4.7	108	120	2.5	3

### FXC0520 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC0520-R22M	0.22	4.6	6	10.5	16
FXC0520-R33M	0.33	7.5	9	10	15
FXC0520-R47M	0.47	8.2	10	9	12
FXC0520-R68M	0.68	12.5	16	7	11
FXC0520-1R0M	1.0	13	17	7	8
FXC0520-1R5M	1.5	21	28	5	7
FXC0520-2R2M	2.2	35	45	4	6
FXC0520-3R3M	3.3	53	80	3.5	5
FXC0520-4R7M	4.7	66	85	3	3.5
FXC0520-6R8M	6.8	93	100	2	3
FXC0520-100M	10	170	190	1.5	2.5

### FXC0530 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC0530-R47M	0.47	8	11	10	13
FXC0530-R68M	0.68	9	12	9	12
FXC0530-1R0M	1.0	14	16	7	11
FXC0530-1R5M	1.5	17	22	5	10
FXC0530-2R2M	2.2	28	35	4	9
FXC0530-3R3M	3.3	31	38	3.5	7
FXC0530-4R7M	4.7	42	60	3	5
FXC0530-6R8M	6.8	77	90	2.5	3.5
FXC0530-100M	10	82	100	2	3
FXC0530-150M	15	146	165	1.5	2
FXC0530-220M	22	203	230	1.5	1.5

FXC0540 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC0540-2R2M	2.2	29	35	5.5	9
FXC0540-100M	10	77	90	3	4

FXC0550 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC0550-4R7M	4.6	46	50	5	6
FXC0550-6R8M	6.8	58	70	3	5.5
FXC0550-150M	15	104	138	2.5	3.5
FXC0550-220M	22	196	238	1.5	2

FXC0560 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC0560-220M	22	110	140	1.5	2.5

## 06 系 SPECIFICATION

FXC0615 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC0615-2R2M	2.2	34	40	3	5.5
FXC0615-4R7M	4.7	83	90	2.5	4.5

FXC0618 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC0618-R47M	0.47	7.2	8.4	11	18
FXC0618-R68M	0.68	9.5	12	10.5	16
FXC0618-1R0M	1.0	17	22	6	11
FXC0618-1R5M	1.5	23	30	6.5	9.8
FXC0618-2R2M	2.2	31	35	6	9
FXC0618-3R3M	3.3	62	68	3.5	8
FXC0618-4R7M	4.7	67	75	3	5
FXC0618-100M	10.0	99	137	2	3

FXC0620 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC0620-R68M	0.68	8.8	10	10.5	16
FXC0620-1R0M	1.0	16	20	7	14
FXC0620-1R5M	1.5	23	30	6	12
FXC0620-2R2M	2.2	31	35	5	10
FXC0620-3R3M	3.3	50	64	3.5	7.5
FXC0620-4R7M	4.7	64	70	3.5	6
FXC0620-6R8M	6.8	85	100	3	4
FXC0620-100M	10.0	102	154	2.8	3.5

FXC0624 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC0624-R22M	0.22	2.2	2.8	17	35
FXC0624-R47M	0.47	5.9	6.8	13	21
FXC0624-R68M	0.68	6.9	8	9	20
FXC0624-1R0M	1.0	9	11	7	13
FXC0624-1R5M	1.5	14	20	6.5	12
FXC0624-2R2M	2.2	22	26	6	11
FXC0624-2R7M	2.7	23	28	5.8	8.7
FXC0624-4R7M	4.7	59	73	3.5	8
FXC0624-5R6M	5.6	74	80	5	7
FXC0624-6R8M	6.8	81	90	3	5
FXC0624-100M	10	97	105	3	4.5

FXC0630 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC0630-R22M	0.22	2.0	3.5	15	40
FXC0630-R33M	0.33	2.5	3.4	20	30
FXC0630-R47M	0.47	3.3	5.3	17.5	26
FXC0630-R56M	0.56	4.6	5.5	15.5	24
FXC0630-R68M	0.68	4.0	5.5	15.5	25
FXC0630-R82M	0.82	6.5	8	13	20
FXC0630-1R0M	1.0	7.0	10	11	22
FXC0630-1R5M	1.5	12	15	9	18
FXC0630-2R2M	2.2	15	20	8	13
FXC0630-3R3M	3.3	25	30	6	12
FXC0630-4R7M	4.7	34	40	5.5	9
FXC0630-5R6M	5.6	50	60	5	7
FXC0630-6R8M	6.8	45	60	4.5	7
FXC0630-8R2M	8.2	75	80	4	6
FXC0630-100M	10.0	80	105	3	6
FXC0630-150M	15.0	100	140	2.5	4
FXC0630-220M	22.0	180	192	2.0	3.5

FXC0640 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC0640-R56M	0.56	4.2	5.5	14	22
FXC0640-R68M	0.68	4.2	5.5	13	20
FXC0640-1R0M	1.0	7.4	8.5	12	19
FXC0640-1R5M	1.5	12	15	10	16
FXC0640-2R2M	2.2	13	18	8.5	14
FXC0640-3R3M	3.3	17	20	7	13
FXC0640-4R7M	4.7	23	28	6	8

FXC0650 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC0650-R22M	0.22	2.3	3.5	20	45
FXC0650-R47M	0.47	3.5	4.5	18	21
FXC0650-R56M	0.56	4.6	6	17	25
FXC0650-R68M	0.68	5.5	6.5	14	19
FXC0650-R82M	0.82	6.5	7.5	14	18
FXC0650-1R0M	1.0	7.0	8.5	13	17
FXC0650-1R5M-T	1.5	7.5	9	11.5	12
FXC0650-2R2M	2.2	10	12.5	8	12
FXC0650-3R3M	3.3	14	20	7	9
FXC0650-3R8M	3.8	18.6	25	6.5	8
FXC0650-4R7M-T	4.7	13	15	6	7
FXC0650-4R9M	4.9	15	16	6	6.5
FXC0650-5R6M	5.6	25	30	6	6
FXC0650-6R8M	6.8	26	38	5.0	6
FXC0650-8R2M	8.2	36	40	4	6
FXC0650-100M	10.0	51	60	4.5	5.3
FXC0650-150M-T	15.0	65	85	3	5
FXC0650-220M-T	22.0	77	85	3	4
FXC0650-330M	33.0	184	237	2	3
FXC0650-470M	47.0	193	280	2	2
FXC0650-680M	68	257	280	1.3	1.8

FXC0660 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC0660-2R2M	2.2	8	10	11	14
FXC0660-3R3M	3.3	9	11	8	12
FXC0660-6R8M	6.8	19	22	5	7.5

10 系 SPECIFICATION

FXC1030 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC1030-1R0M	1.0	5.1	7.0	13	18
FXC1030-1R5M	1.5	7.3	9	10	16



FXC1030-2R2M	2.2	10	12	9	14
FXC1030-4R7M	4.7	20.7	25	6	8.5
FXC1030-8R2M	8.2	47	55	4	6
FXC1030-100M	10	49	56	4	5
FXC1030-150M	15	63.6	65	3.5	4

FXC1040 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC1040-R22M	0.22	0.7	1.1	30	60
FXC1040-R33M	0.33	1.1	1.4	30	50
FXC1040-R36M	0.36	1.1	1.4	30	50
FXC1040-R47M	0.47	1.2	1.8	26	38
FXC1040-R56M	0.56	1.5	1.8	23	33
FXC1040-R68M	0.68	2.0	3.0	23	32
FXC1040-R90M	0.9	2.2	3.0	21	30
FXC1040-1R0M	1.0	3.58	4.1	18	28
FXC1040-1R5M	1.5	4.8	5.8	16	27
FXC1040-2R2M	2.2	7	9	12	22
FXC1040-3R3M	3.3	10.3	13.5	10	16
FXC1040-3R9M	3.9	13.7	16	10	16
FXC1040-4R7M	4.7	17.0	20.0	8	14
FXC1040-5R6M	5.6	18.2	25	8	13
FXC1040-6R8M	6.8	23.5	28	7	12
FXC1040-8R2M	8.2	25	30	6	9
FXC1040-100M	10.0	31	36.5	5	9
FXC1040-120M	12	42	48	5	8
FXC1040-150M	15.0	45	55	4	7
FXC1040-220M	22.0	55	60	3.5	6
FXC1040-330M	33.0	140	155	3	4.5
FXC1040-470M	47.0	128	145	3	3
FXC1040-680M	68.0	205	220	2	3.5
FXC1040-101M	100	260	300	1	1.5

FXC1050 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC1050-R82M	0.82	1.8	2.5	16	32
FXC1050-1R0M	1.0	3	4	15	30
FXC1050-1R8M	1.8	4.5	6	15	27.5
FXC1050-2R2M	2.2	6	8	14	27
FXC1050-3R3M	3.3	7.5	11	10	19
FXC1050-4R7M	4.7	14	17	9	14

FXC1050-6R8M	6.8	17.5	22	8	10
FXC1050-100M	10	31	38	6.8	10
FXC1050-150M	15	39	45	6	10
FXC1050-220M	22	52	60	5	7
FXC1050-330M	33	127	145	3.5	6

FXC1060 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC1060-1R0M	1.0	2.3	3	16	27
FXC1060-1R5M	1.5	4	5	15	25
FXC1060-2R2M	2.2	5.1	7	14	20
FXC1060-3R3M	3.3	7	9	13	19
FXC1060-4R7M	4.7	14	17	9	15
FXC1060-6R8M	6.8	18	24	8	13
FXC1060-100M	10	28	35	7	11

## 12 系 SPECIFICATION

FXC1235 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC1235-R22M	0.22	0.85	1.3	25	65
FXC1235-R68M	0.68	2.1	2.5	20	49
FXC1235-R47M	0.47	1.17	1.7	18	35
FXC1235-1R0M	1.0	3.3	3.5	15	26
FXC1235-1R5M	1.5	4.3	5.0	15	24
FXC1235-2R2M	2.2	7	8	14	20
FXC1235-3R3M	3.3	10	12	12	16
FXC1235-4R7M	4.7	14	15	10	14

FXC1235-6R8M	6.8	21	25	8	12
FXC1235-100M	10	28	35	6	10

FXC1240 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC1240-R47M	0.47	1.5	2.0	23	55
FXC1240-R60M	0.6	2	3	22	40
FXC1240-1R0M	1.0	2.7	3.5	19	38
FXC1240-1R5M	1.5	3.26	4.5	16	30
FXC1240-1R8M	1.8	6.4	8.3	16	26
FXC1240-2R2M	2.2	6.3	9.5	15	22
FXC1240-3R3M	3.3	8.7	10	14	20
FXC1240-4R7M	4.7	12	14	9	15
FXC1240-5R6M	5.6	15	17	8	14
FXC1240-6R8M	6.8	17	24	7	12
FXC1240-8R2M	8.2	24.4	28	7	12
FXC1240-100M	10	28	35	6	10
FXC1240-150M	15	55.03	60	5	9
FXC1240-220M	22	69.3	80	4	7

FXC1250 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC1250-R33M	0.33	0.74	1.0	32	60
FXC1250-R36M	0.36	0.9	1.2	28	50
FXC1250-R47M	0.47	1.04	1.3	25	48
FXC1250-R56M	0.56	1.35	1.5	23	46
FXC1250-R68M	0.68	1.3	1.5	20	40
FXC1250-R82M	0.82	2.0	2.5	19	39
FXC1250-1R0M	1.0	2.4	3.5	18	35
FXC1250-1R5M	1.5	2.8	4.1	18	33
FXC1250-1R8M	1.8	3.0	4.3	17	30
FXC1250-2R2M	2.2	3.3	4.5	16	25
FXC1250-3R3M	3.3	10.2	13	15	23
FXC1250-4R7M	4.7	13.5	15	12	21
FXC1250-5R6M	5.6	14.0	17	12	20

FXC1250-6R8M	6.8	15.4	19	11	18
FXC1250-8R2M	8.2	18.9	22.5	10	17
FXC1250-100M	10.0	23	25.5	6	13
FXC1250-150M	15.0	51	60	6	12
FXC1250-220M	22.0	63	75	4	8
FXC1250-330M	33.0	69	82	3	6
FXC1250-470M	47.0	78	90	2.5	3.5
FXC1250-560M	56.0	143	180	2	3.5
FXC1250-680M	68.0	154	210	1.5	3.5

FXC1260 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC1260-R33M	0.33	1.3	2.3	46	55
FXC1260-R68M	0.68	1.5	2.8	35	45
FXC1260-1R0M	1.0	1.8	3.5	21	40
FXC1260-2R2M	2.2	3.3	4.5	20	32
FXC1260-3R3M	3.3	6.4	8.2	15	30
FXC1260-4R7M	4.7	10	13.5	12	25
FXC1260-5R6M	5.6	17	21	12	22
FXC1260-6R8M	6.8	18	23	11	20
FXC1260-100M	10	22	30	10	12.5
FXC1260-220M	22	38	45	5	7.5

FXC1265 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo( $\mu$ H) $\pm$ 20% @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC1265-R22M	0.22	0.60	0.81	60	60
FXC1265-R56M	0.56	1.2	1.7	30	60
FXC1265-R68M	0.68	1.3	1.8	28	54
FXC1265-R82M	0.82	1.6	2.0	25	50
FXC1265-1R0M	1.0	1.7	2.5	25	49
FXC1265-1R5M	1.5	1.9	3.5	22	45
FXC1265-2R2M	2.2	3.5	4.5	18	40
FXC1265-3R3M	3.3	5.5	8.2	16	28
FXC1265-4R7M	4.7	11	14	14	22.5
FXC1265-5R6M	5.6	12	15	12	20
FXC1265-6R8M	6.8	10	13	11.5	18
FXC1265-8R2M	8.2	17	25	10	16

FXC1265-100M	10.0	16	25	10	15.5
FXC1265-150M	15.0	31	38	6	9
FXC1265-220M	22.0	42	48	5	7.5
FXC1265-330M	33.0	61	66	4	6.5
FXC1265-470M	47.0	80	90	3.5	5
FXC1265-560M	56.0	90	110	3	4
FXC1265-680M	68.0	92	123	2.5	3

FXC1770 系 SPECIFICATION

PART NUMBER	INDUCTANCE Lo(uH)±20% @0A	DCR (mΩ)		HEAT RATING CURRENT(I <sub>dc</sub> ) DC AMPS <sub>1</sub>	SATURATION CURRENT(I <sub>sat</sub> ) DC AMPS <sub>2</sub>
		Typ.	Max		
FXC1770-R22M	0.22	0.55	0.70	60	100
FXC1770-R33M	0.33	0.7	0.8	55	90
FXC1770-R47M	0.47	0.8	1.0	50	80
FXC1770-R56M	0.56	0.9	1.15	46	70
FXC1770-R82M	0.82	1.17	1.3	42	60
FXC1770-1R0M	1.0	1.45	1.7	38	50
FXC1770-1R5M	1.5	1.8	2.15	35	45
FXC1770-2R2M	2.2	2.15	2.6	25	34
FXC1770-3R3M	3.3	2.61	3.5	17	24
FXC1770-4R7M	4.7	3.38	5	15	21
FXC1770-6R8M	6.8	5.53	7.0	15	18
FXC1770-8R2M	8.2	7	9	12	18
FXC1770-100M	10	8	10	11	17
FXC1770-150M	15	12	15	9	12
FXC1770-220M	22	19.18	25	7	9.5
FXC1770-330M	33	30.65	35	6.5	9
FXC1770-470M	47	36.75	40	5.5	7.5
FXC1770-680M	68	61	80	4	5
FXC1770-820M	82	95.55	105	4	4.5
FXC1770-101M	100	111	120	3	4

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