

Part Numbering

■ Ferrite Chip Beads / Array

FCM **1608** **KF** - **121** **T** **06**
 ① ② ③ ④ ⑤ ⑥

① Series Name

Code	
FCM	Ferrite Chip Bead
GHB	GHz Ferrite Chip Bead
HCB/BPH	High Current Ferrite Chip Bead
FCA	Ferrite Chip Bead Array

② Dimension(AxB)

Code	Dimension(AxB)	EIA
0402	0.4mmX0.2mm	01005
0603	0.6mmX0.3mm	0201
1005	1.0mmX0.5mm	0402
1608	1.6mmX0.8mm	0603
2012	2.0mmx1.25mm	0805
3216	3.2mmx1.6mm	1206
4516	4.5mmx1.6mm	1806
4532	4.5mmx3.2mm	1812

③ Material Characteristics/Application

Code	MaterialCharacteristics/Application	Series Name	
V	for General Use	FCM-V	
H		For GHz Band General	FCM-H
K		For Power Supplies	FCM-K,FCA-K
Z	for Low Speed	FCM-W	
W	Application		
M	for High Speed Signal Lines	FCM-M,FCA-M	
C, B		FCM-C, B	

④ Impedance

Code	Impedance(Ohm)
070	7Ω
700	70Ω
601	600Ω
202	2000Ω

⑤ Packaging

Code	Packaging
T	Plastic Taping(Φ180mm)
B	Bulk

⑥ Rated Current

Code	Rated Current(mA)
02	200
05	500
20	2000
60	6000

■ Common Mode Choke Coils / Balun

WCM **2012** **F** **2** **S** **F** - **900** **T**
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Series Name

Code	Common Mode Choke Coil
MCF	Multilayer Common Mode Filter
WCM	Winding Common Mode Filter for USB
HDMI	Winding Common Mode Filter for HDMI
HSF	Winding Common Mode Filter for USB
LCM	Winding Common Mode Filter
TCM	Tri-wired Common Mode Filter
ACM	Winding Common Mode Filter for Car
BCM	Balun Filter

② Dimension(AxB)

Code	Dimension(AxB)	EIA
0605	0.6mmx0.5mm	0202
0806	0.8mmx0.6mm	0302
1210	1.2mmx1.0mm	0504
2012	2.0mmx1.2mm	0805
3216	3.2mmx1.6mm	1206
3225	3.2mmx2.5mm	1210
4532	4.5mmx3.2mm	1812

③ Material Characteristics

Code	Material
F	Ferrite Material

④ Numbers of Signal Line

Code	Numbers of Signal Line
2	Two Lines
3	Three Lines
4	Four Lines

⑤ Type

Code	Type
S	Shielded Type
N	Non-Shielded Type

⑥ F: Lead Free

⑦ Impedance

Code	Impedance(Ohm)
900	90Ω
121	120Ω
102	1000Ω

⑧ Packaging T: Taping and Reel

⑨ Rated Current

Code	Rated Current(mA)
02	200
10	1000

Part Numbering

■ Chip Coils / Inductors

FCI **2012** **F** - **100** **M**

① ② ③ ④ ⑤

① Series Name

Code	
FCI	Ferrite Chip Inductor
SWF	Wirewound Ferrite Chip Inductor
WIH	Wirewound Ferrite Chip Inductor
HCI	High Frequency Chip Inductor
SWI	Wire Wound Ceramic Chip
PAS	Hearing Aid (HAC) Inductor

② Dimension(AxB)

Code	Dimension(AxB)	EIA
0603	0.6mmx0.3mm	0201
1005	1.0mmx0.5mm	0402
1608	1.6mmx0.8mm	0603
2012	2.0mmx1.2mm	0805
2520	2.5mmx2.0mm	1008
3216	3.2mmx1.6mm	1206
3225	3.2mmx2.5mm	1210
3010	3.0mmx3.0mmx1.0mm	1212
3012	3.0mmx3.0mmx1.2mm	1212
4420	4.4mmx2.0mm	1808
6420	6.4mmx2.0mm	2508

③ Material F: Lead Free

④ Inductance

Code	Inductance
1N0	1.0nH
10N	10nH
R10	100nH
1R0	1.0uH
100	10uH
101	100uH

⑤ Inductance Tolerance

Code	Inductance Tolerance
B	±0.1nH
C	±0.2nH
S	±0.3nH
G	±2%
H	±3%
J	±5%
K	±10%
L	±15%
M	±20%
Y	±30%

■ Power Inductors / Chokes

CPI **201210** **PF** - **1R0** **M**

① ② ③ ④ ⑤

① Series Name

Code	
CPI	Multilayer Type Power Inductor
HPC	Sealed Type Power Inductor
UHP	
DFP	
AHP	
FWP	Assembly Type Power Inductor
SDSL	
TPRHC	

② Dimension(AxB)

Code	Dimension(AxB)	EIA
1608	1.6mmx0.8mm	0603
2012	2.0mmx1.25mm	0805
201610	2.0mmx1.6mm	0806
252010/12	2.5mmx2.0mm	1008
3010/12/15	3.0mmx3.0mm	1212
3216	3.2mmx1.6mm	1206
4010/12/18	4.0mmx4.0mm	1616
5020/40	5.0mmx5.0mm	2020
6020/45	6.0mmx6.0mm	2424
8040	8.0mmx8.0mm	3232
10D30/40/50	10mmx10mm	4040
1204/05/07	12mmx12mm	4848

- **1A5**

⑥

③ Material

Code	Material
F	Ferrite Material for Wire wound Inductor
A	
B	
C	
CF	
NF	Ferrite Material For Multilayer Inductor
TF	
HF	
PF	
UF	

④ Inductance

Code	Inductance
R47	0.47uH
1R0	1.0uH
100	10uH
101	100uH

⑤ Inductance Tolerance

Code	Inductance Tolerance
K	±10%
M	±20%
Y	±30%

⑥ Rated Current

Code	Rated Current
0A6	0.60A
1A5	1.50A

Part Numbering

■ Hi-Current Power Inductors (Molding Type)

TMPC **0603** **H** - **4R7** **M** - **D**

① ② ③ ④ ⑤ ⑥

① Series Name

Code	
AWP	Molding Type Hi-Current Power Inductor
TMPC	
TMPA	
TMPF	

② Dimension(AxB)

Code	Dimension(AxB)	EIA
201610	2.0mmx1.6mm	0806
252010/12	2.5mmx2.0mm	1008
0310/02	3.0mmx3.0mm	1212
0412/02	4.0mmx4.0mm	1616
0512/15/18/02/03	5.0mmx5.0mm	2020
0612/18/24/03/05	6.0mmx6.0mm	2424
1004/05	10mmx10mm	4040
1235/05/06/65/07	12mmx12mm	4848
1707	17mmx17mm	6868

③ Material

Code	Material
F	Hi-Current Metal Material
H	
HP	

④ Inductance

Code	Inductance
R47	0.47uH
1R0	1.0uH
100	10uH
101	100uH

⑤ Inductance Tolerance

Code	Inductance Tolerance
M	±20%
Y	±30%

⑥ Control No.

■ Hi-Current Power Inductors (Assembly Type)

SLPI **070705** **MT** - **72N** **M** - **M32**

① ② ③ ④ ⑤ ⑥

① Series Name

Code	
SLPI	Assembly Type Hi-Current Power Inductor

② Dimension(AxB)

Code	Dimension(AxB)	EIA
070705	7.0mmx7.0mm	2828
100705	10mmx7.0mm	4028
131308	13mmx13mm	5252
361108(Array)	36mmx11mm	14444
451108(Array)	5.0mmx5.0mm	18044

③ Material

Code	Material
MT	Hi-Current Ferrite Material

④ Inductance

Code	Inductance
72N	72nH
R32	0.32uH
1R0	1.0uH

⑤ Inductance Tolerance

Code	Inductance Tolerance
M	±20%
Y	±30%

⑥ DC resistance

Code	DC Resistance
M28	0.28 ohm
M32	0.32 ohm

Part Numbering

■ Wireless Power Charging-Tx

PTX **505035** - **10** **W5M** **S** **N** - **30** - **00**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Series Name

Code	
PTX	Wireless Power Charging-Tx
CTX	Wireless Power Charging-Tx

② Dimension(AxBxC)

Code	Dimension(AxBxC)	Type
505028	50mmx50mmx2.8mm	CTX
505035	50mmx50mmx3.5mm	PTX
505040	50mmx50mmx4.0mm	PTX / CTX
505050	50mmx50mmx5.0mm	PTX
505055	50mmx50mmx5.5mm	PTX

③ Wire Turns

Code	Turns
10	10 turns
20	20 turns

④ Material

Code	Material
W5F	Ferrite Material
W5M	

⑤ Wire Type

Code	Description
S	Silk envelope
E	Enamelled wire

⑥ Magnet

Code	Description
M	Magnet
N	Non-Magnet

⑦ Serial No.

⑧ Version No.

■ Wireless Power Charging-Rx

PRX **433909** - **16** **KFA** - **NF**

① ② ③ ④ ⑤

① Series Name

Code	
PRX	Wireless Power Charging-Rx

② Dimension(AxBxC)

Code	Dimension(AxBxC)	Type
383109	38mmx31mmx0.9mm	PRX
483209	48mmx32mmx0.9mm	PRX
524807	52mmx48mmx0.7mm	PRX+NFC
433909	43mmx39mmx0.9mm	PRX+NFC

③ Wire Turns

Code	Turns
14	14 turns

④ Material

Code	Material
KFA	Ferrite Material

⑤ Control No.

Code	Description
01	Serial No.
NFC	NFC

■ LAN Transformer

TXF **453229** - **381** **NF** - **7P**

① ② ③ ④ ⑤

① Series Name

Code	
TXF	LAN Transformer

② Dimension(AxBxC)

Code	Dimension(AxBxC)	EIA
453222	4.5mmx3.2mmx2.2mm	1812
453229	4.5mmx3.2mmx2.9mm	1812
535340	5.3mmx5.3mmx4.0mm	2121

③ Inductance

Code	Inductance uH
381	380

④ Material

Code	Material
NF	Ferrite Material

⑤ Control No.

Code	Description
7P	7 Pins