

Contents of TAIYO YUDEN Component Library

This document shows the lineup of component data included in TAIYO YUDEN Component Library.

Component Library for Keysight ADS :

Ver. 2.9

Multilayer Ceramic Capacitors

(1) Multilayer Ceramic Capacitors for High Frequency Applications

/Frequency Range: 30kHz - 12GHz or 100MHz - 12GHz

/Component Information

TVS042C_ [0402/01005 [mm/inch] CASE, 0.2pF - 22pF, C0G/C0H, 25V, 214 parts]

VK105C [1005/0402 [mm/inch] CASE, 0.3pF - 5.1pF, C0G/C0H, 50V, 50 parts]

(2) High Value Multilayer Ceramic Capacitors (High dielectric type)

/Frequency Range: 40Hz - 3GHz

/Component Information

_MK021BJ [0201/008004 [mm/inch] CASE, 220pF - 0.022uF, X5R, 16V/6.3V/4V, 7 parts]

MK042B [0402/01005 [mm/inch] CASE, 100pF - 0.1uF, B/X5R/X7R, 16V/10V/6.3V/4V, 51 parts]

MK063 [0603/0201 [mm/inch] CASE, 100pF - 1uF, B/X5R/X6S/X7R, 50V/35V/25V/16V/10V/6.3V/4V, 90 parts]

MK105 [1005/0402 [mm/inch] CASE, 220pF - 10uF, B/X5R/X6S/X7R,
50V/35V/25V/16V/10V/6.3V/4V, 118 parts]

MK107 [1608/0603 [mm/inch] CASE, 0.22uF - 22uF, B/X5R/X6S//X7R,
50V/35V/25V/16V/10V/6.3V/4V, 72 parts]

MK212 [2125/0805 [mm/inch] CASE, 0.1uF - 100uF, B/X5R/X6S/X7R,
50V/35V/25V/16V/10V/6.3V/4V/2.5V, 85 parts]

MK316 [3216/1206 [mm/inch] CASE, 0.22uF - 220uF, B/X5R/X6S/X7R/X7S,
50V/35V/25V/16V/10V/6.3V/4V/2.5V, 67 parts]

Update **_MK325**_ [3225/1210 [mm/inch] CASE, 2.2uF - 330uF, B/X5R/X6S/X7R/X7S,
50V/35V/25V/16V/10V/6.3V/4V/2.5V, 65 parts]

MK432 [4532/1812 [mm/inch] CASE, 470uF, X5R/X6S, 4V/2.5V, 2 parts]

(3) LW Reversal Decoupling Capacitors (LWDC)

/Frequency Range: 30kHz - 3GHz

/Component Information

WK105 [1005/0402 [mm/inch] CASE, 0.1uF - 2.2uF, X5R/X6S/X7S, 25V/16V/10V/6.3V/4V, 17 parts]

WK107 [1608/0603 [mm/inch] CASE, 0.1uF - 10uF, X5R/X6S/X7R/X7S, 25V/16V/10V/6.3V/4V/2.5V, 16 parts]

WK212 [2125/0805 [mm/inch] CASE, 2.2uF - 22uF, X5R/X6S/X7R, 25V/16V/10V/6.3V/4V, 9 parts]

(4) Low Distortion High Value Multilayer Ceramic Capacitors (CF_LD)

/Frequency Range: 40Hz - 3GHz

/Component Information

_MK107BLD [1608/0603 [mm/inch] CASE, 0.22uF - 1uF, X5R, 50V/25V, 3 parts]

GMK212_ [2125/0805 [mm/inch] CASE, 1uF - 2.2uF, X5R, 35V, 2 parts]

MK316 [3216/1206 [mm/inch] CASE, 1uF - 10uF, X5R, 50V/35V/25V, 3 parts]

UMK325LD [3225/1210 [mm/inch] CASE, 1uF - 4.7uF, X5R, 50V, 3 parts]

(5) Medium-High Voltage Multilayer Ceramic Capacitors

/Frequency Range: 40Hz - 3GHz or 0.1kHz - 110MHz or 300kHz - 12GHz

/Component Information

HMK105_ [1005/0402 [mm/inch] CASE, 8pF - 4700pF, X7R/C0G/C0H, 100V, 41 parts]

HMK107_ [1608/0603 [mm/inch] CASE, 100pF - 0.22uF, B/X5R/X7R/X7S/SD, 100V, 39 parts]

MK212 [2125/0805 [mm/inch] CASE, 100pF - 1uF, B/X5R/X7R/X7S/SD, 250V/100V, 52 parts]

MK316 [3216/1206 [mm/inch] CASE, 1000pF - 2.2uF, B/X5R/X7R/X7S/SD, 630V/250V/100V, 46 parts]

MK325 [3225/1210 [mm/inch] CASE, 0.022uF - 4.7uF, B/X5R/X7R/X7S, 630V/250V/100V, 34 parts]

MK432B [4532/1812 [mm/inch] CASE, 0.047uF - 2.2uF, B/X5R/X7R, 630V/250V/100V, 22 parts]

(6) Standard Multilayer Ceramic Capacitors (Temperature compensating type)

/Frequency Range: 30kHz - 12GHz or 0.3MHz - 12GHz

/Component Information

MK021C [0201/008004 [mm/inch] CASE, 0.2pF - 56pF, C0G/C0H/C0J/C0K, 25V/16V, 218 parts]

Update **_MK042C_** [0402/01005 [mm/inch] CASE, 0.4pF - 220pF, C0G/C0H/C0J/C0K, 25V/16V/10V, 492 parts]

MK063C [0603/0201 [mm/inch] CASE, 0.2pF - 1000pF, C0G/C0H/C0J/C0K, 50V/25V, 294 parts]

UMK105_ [1005/0402 [mm/inch] CASE, 0.5pF - 1000pF, C0G/C0H/C0J/C0K, 50V, 78 parts]

(7) Super Low Distortion Multilayer Ceramic Capacitors

/Frequency Range: 40Hz - 3GHz

/Component Information

_MK105SD [1005/0402 [mm/inch] CASE, 390pF - 4700pF, SD, 50V/25V/16V/10V/6.3V, 16 parts]

_MK107SD [1608/0603 [mm/inch] CASE, 1000pF - 0.022uF, SD, 50V/25V/16V/10V, 17 parts]

_MK212SD [2125/0805 [mm/inch] CASE, 3900pF - 0.1uF, SD, 50V/35V/16V/10V, 16 parts]

_MK316SD [3216/1206 [mm/inch] CASE, 0.033uF - 0.1uF, SD, 35V/25V, 7 parts]

(8) High Reliability (Automotive) Application Multilayer Ceramic Capacitors

/Frequency Range: 40Hz - 3GHz

/Component Information

_MR107B7 [1608/0603 [mm/inch] CASE, 0.1uF - 1uF, X7R, 50V/25V/16V/10V, 4 parts]

_MR212B7 [2012/0805 [mm/inch] CASE, 0.047uF - 2.2uF, X7R, 50V/25V/10V, 6 parts]

_MR316B7 [3216/1206 [mm/inch] CASE, 0.22uF - 10uF, X7R, 50V/25V/16V/10V/6.3V, 6 parts]

_MR325B7 [3225/1210 [mm/inch] CASE, 0.47uF - 10uF, X7R, 50V/25V, 5 parts]

(9) Multilayer Ceramic Capacitors (High dielectric type) for Automotive / Industrial Applications

/Frequency Range: 40Hz - 3GHz

/Component Information

MK105B [1005/0402 [mm/inch] CASE, 1000pF - 10uF, X5R/X7R, 50V/25V/16V/10V/6.3V/4V, 60 parts]

MK107 [1608/0603 [mm/inch] CASE, 1000pF - 22uF, X5R/X7R/X7S/X7T, 50V/35V/25V/16V/10V/6.3V/4V, 65 parts]

MK212B [2125/0805 [mm/inch] CASE, 0.01uF - 47uF, X5R/X7R, 50V/35V/25V/16V/10V/6.3V/4V, 52 parts]

MK316 [3216/1206 [mm/inch] CASE, 0.047uF - 100uF, X5R/X7R/X7S, 50V/35V/25V/16V/10V/6.3V/4V, 45 parts]

MK325 [3225/1210 [mm/inch] CASE, 1uF - 220uF, X5R/X6S/X7R, 50V/35V/25V/16V/10V/6.3V/4V, 35 parts]

(10) Medium-High Voltage Multilayer Ceramic Capacitors for Automotive / Industrial Applications

/Frequency Range: 40Hz - 3GHz or 0.1kHz - 110MHz

/Component Information

HMK107_ [1608/0603 [mm/inch] CASE, 1000pF - 0.22uF, X7R/X7S, 100V, 13 parts]

MK212 [2125/0805 [mm/inch] CASE, 1000pF - 1uF, X7R/X7S, 250V/100V, 19 parts]

MK316 [3216/1206 [mm/inch] CASE, 1000pF - 2.2uF, X7R/X7S, 630V/250V/100V, 21 parts]

MK325 [3225/1210 [mm/inch] CASE, 0.022uF - 4.7uF, X7R/X7S, 630V/250V/100V, 14 parts]

MK432B7 [4532/1812 [mm/inch] CASE, 0.047uF - 2.2uF, X7R, 630V/250V/100V, 11 parts]

(11) Multilayer Ceramic Capacitors (Temperature compensating type) for Automotive / Industrial Applications

/Frequency Range: 30kHz - 12GHz or 0.3MHz - 12GHz

/Component Information

MK063C [0603/0201 [mm/inch] CASE, 0.2pF - 220pF, C0G/C0H/C0J/C0K, 50V/25V, 262 parts]

UMK105C_ [1005/0402 [mm/inch] CASE, 0.5pF - 1000pF, C0G/C0H/C0J/C0K, 50V, 72 parts]

(12) LW Reversal Decoupling Capacitors for Automotive / Industrial Applications (LWDC)

/Frequency Range: 30kHz - 3GHz

/Component Information

WK105 [1005/0402 [mm/inch] CASE, 0.1uF - 1.0uF, X5R/X6S/X7S, 25V/16V/10V/6.3V/4V, 12 parts]

WK107 [1608/0603 [mm/inch] CASE, 0.1uF - 4.7uF, X5R/X6S/X7R/X7S, 25V/16V/10V/6.3V/4V, 10 parts]

WK212 [2125/0805 [mm/inch] CASE, 4.7uF - 22uF, X5R/X6S, 10V/6.3V/4V, 4 parts]

(13) High Frequency Medium-High Voltage Multilayer Ceramic Capacitors for Automotive / Industrial Applications

/Frequency Range: 30kHz - 3GHz

/Component Information

QVS107CG [1608/0603 [mm/inch] CASE, 0.5pF - 100pF, C0G, 250V, 54 parts]

QVS212CG [2125/0805 [mm/inch] CASE, 0.5pF - 100pF, C0G, 250V, 23 parts]

(14) Soft Termination MLCC for Automotive / Industrial Applications

/Frequency Range: 40Hz - 3GHz

/Component Information

MJ107B [1608/0603 [mm/inch] CASE, 1000pF - 1uF, X7R, 100V/50V/35V/25V, 24 parts]

Update

MJ212 [2125/0805 [mm/inch] CASE, 1000pF - 10uF, X7R/X7S, 250V/100V/50V/35V/25V/16V/6.3V, 26 parts]

MJ316 [3216/1206 [mm/inch] CASE, 1000pF - 22uF, X7R/X7S, 630V/250V/100V/50V/35V/25V/16V/10V, 40 parts]

MJ325 [3225/1210 [mm/inch] CASE, 0.022uF - 47uF, X7R/X7S, 630V/250V/100V/50V/35V/25V/16V/6.3V, 23 parts]

Ferrite Bead Inductors

(1) Multilayer Chip Bead Inductors (BK series)

/Frequency Range: 1MHz - 1GHz or 1MHz - 3GHz

/Component Information

BK0402 [0402/01005 [mm/inch] CASE, 10Ohm - 330Ohm, 13 parts]

BK0603 [0603/0201 [mm/inch] CASE, 10Ohm - 1200Ohm, 31 parts]

BK1005 [1005/0402 [mm/inch] CASE, 10Ohm - 1800Ohm, 30 parts]

BK1608 [1608/0603 [mm/inch] CASE, 22Ohm - 2500Ohm, 36 parts]

BK2125 [2125/0805 [mm/inch] CASE, 15Ohm - 2500Ohm, 23 parts]

(2) Multilayer Chip Bead Inductors (BK series H type)

/Frequency Range: 1MHz - 3GHz

/Component Information

BKH0603 [0603/0201 [mm/inch] CASE, 25Ohm - 1500Ohm, 6 parts]

BKH1005 [1005/0402 [mm/inch] CASE, 600Ohm - 1800Ohm, 4 parts]

(3) Multilayer Chip Bead Inductors (BK Array series)

/Frequency Range: 1MHz - 1GHz or 1MHz - 3GHz

/Component Information

BK2010 [2010/0805 [mm/inch] CASE, 50Ohm - 1000Ohm, 20 parts]

BK3216 [3216/1206 [mm/inch] CASE, 60Ohm - 1000Ohm, 21 parts]

(4) Multilayer Chip Bead Inductors for Power Lines (BK series P type)

/Frequency Range: 1MHz - 1GHz or 1MHz - 3GHz

/Component Information

BKP0402 [0402/01005 [mm/inch] CASE, 10Ohm - 33Ohm, 3 parts]

BKP0603 [0603/0201 [mm/inch] CASE, 10Ohm - 120Ohm, 14 parts]

BKP1005 [1005/0402 [mm/inch] CASE, 10Ohm - 330Ohm, 17 parts]

BKP1608 [1608/0603 [mm/inch] CASE, 33Ohm - 470Ohm, 8 parts]

BKP2125 [2125/0805 [mm/inch] CASE, 33Ohm - 330Ohm, 5 parts]

(5) Chip Bead Inductors for Power Lines (FB series M type)

/Frequency Range: 1MHz - 3GHz

/Component Information

FBMH1608 [1608/0603 [mm/inch] CASE, 30Ohm - 1000Ohm, 16 parts]

FBMH2012 [2012/0805 [mm/inch] CASE, 80Ohm - 330Ohm, 4 parts]

FBMH2016 [2016/0806 [mm/inch] CASE, 120Ohm - 250Ohm, 2parts]

FBMH3216 [3216/1206 [mm/inch] CASE, 220Ohm - 500Ohm, 2parts]

FBMH3225 [3225/1210 [mm/inch] CASE, 600Ohm - 2000Ohm, 3 parts]

FBMH4516 [4516/1806 [mm/inch] CASE, 850Ohm, 1 part]

FBMH4525 [4525/1810 [mm/inch] CASE, 1000Ohm - 1600Ohm, 2 parts]

FBMH4532 [4532/1812 [mm/inch] CASE, 680Ohm - 2000Ohm, 3 parts]

FBMJ1608 [1608/0603 [mm/inch] CASE, 18Ohm - 28Ohm, 6 parts]

FBMJ2125 [2125/0805 [mm/inch] CASE, 8Ohm - 42Ohm, 5 parts]

FBMJ3216 [3216/1206 [mm/inch] CASE, 16Ohm - 80Ohm, 5 parts]

FBMJ4516 [4516/1806 [mm/inch] CASE, 23Ohm - 110Ohm, 5 parts]

(6) Multilayer Chip Bead Inductors for Automotive / Industrial Applications (BK series)

/Frequency Range: 1MHz - 1GHz or 1MHz - 3GHz

/Component Information

BK1005 [1005/0402 [mm/inch] CASE, 10Ohm - 1800Ohm, 30 parts]

BK1608 [1608/0603 [mm/inch] CASE, 22Ohm - 2500Ohm, 36 parts]

BK2125 [2125/0805 [mm/inch] CASE, 15Ohm - 2500Ohm, 23 parts]

(7) Multilayer Chip Bead Power Inductors for Automotive / Industrial Applications (BK series P type)

/Frequency Range: 1MHz - 1GHz or 1MHz - 3GHz

/Component Information

BKP1005 [1005/0402 [mm/inch] CASE, 10Ohm - 220Ohm, 11 parts]

BKP1608 [1608/0603 [mm/inch] CASE, 33Ohm - 470Ohm, 8 parts]

BKP2125 [2125/0805 [mm/inch] CASE, 33Ohm - 330Ohm, 5 parts]

(8) Chip Bead Power Inductors for Automotive / Industrial Applications (FB series M type)

/Frequency Range: 1MHz - 3GHz

/Component Information

FBMH1608 [1608/0603 [mm/inch] CASE, 30Ohm - 1000Ohm, 16 parts]

FBMH2012 [2012/0805 [mm/inch] CASE, 80Ohm - 330Ohm, 4 parts]

FBMH2016 [2016/0806 [mm/inch] CASE, 120Ohm - 250Ohm, 2parts]

FBMH3216 [3216/1206 [mm/inch] CASE, 220Ohm - 500Ohm, 2parts]

FBMH3225 [3225/1210 [mm/inch] CASE, 600Ohm - 2000Ohm, 3 parts]

FBMH4516 [4516/1806 [mm/inch] CASE, 850Ohm, 1 part]

FBMH4525 [4525/1810 [mm/inch] CASE, 1000Ohm - 1600Ohm, 2 parts]

FBMJ1608 [1608/0603 [mm/inch] CASE, 18Ohm - 28Ohm, 6 parts]

FBMJ2125 [2125/0805 [mm/inch] CASE, 8Ohm - 42Ohm, 5 parts]

FBMJ3216 [3216/1206 [mm/inch] CASE, 16Ohm - 80Ohm, 5 parts]

FBMJ4516 [4516/1806 [mm/inch] CASE, 23Ohm - 110Ohm, 5 parts]

Multilayer Inductors

(1) Multilayer Chip Power Inductors (CK series P type / NM series)

/Frequency Range: 1MHz - 100MHz

Component Information

CKP1608 [1608/0603 [mm/inch] CASE, 330nH - 2.2uH, 4 parts]

CKP2012 [2012/0805 [mm/inch] CASE, 0.47uH - 4.7uH, 9 parts]

CKP2016 [2016/0806 [mm/inch] CASE, 0.47uH - 4.7uH, 6 parts]

CKP2520 [2520/1008 [mm/inch] CASE, 0.47uH - 4.7uH, 18 parts]

NM2012 [2012/0805 [mm/inch] CASE, 0.82uH - 1uH, 2 parts]

NM2520 [2520/1008 [mm/inch] CASE, 1uH - 2.2uH, 3 parts]

NEW (2) Metal Multilayer Chip Power Inductors (MCOIL™ MC series)

/Frequency Range: 1MHz - 100MHz

/Component Information

MCFE1608 [1608/0603 [mm/inch] CASE, 240nH - 1uH, 3 parts]

MCFK1608 [1608/0603 [mm/inch] CASE, 240nH - 470nH, 2 parts]

MCHK2012 [2012/0805 [mm/inch] CASE, 240nH - 470nH, 2 parts]

MCKK2012 [2012/0805 [mm/inch] CASE, 240nH, 1 part]

(3) Multilayer Chip Inductors for High Frequency Applications (HK series)

/Frequency Range: 1MHz - 3GHz or 45MHz - up to frequency of -15 degrees in S-parameter phase (6GHz max.)

/Component Information

HK0402 [0402/01005 [mm/inch] CASE, 1nH - 12nH, 14 parts]

HK0603 [0603/0201 [mm/inch] CASE, 1nH - 100nH, 34 parts]

HK1005 [1005/0402 [mm/inch] CASE, 1nH - 270nH, 39 parts]

HK1608 [1608/0603 [mm/inch] CASE, 1nH - 0.47uH, 33 parts]

(4) High-Q Multilayer Chip Inductors

for High Frequency Applications (HK series Q type / AQ series)

/Frequency Range: 45MHz - up to frequency of -15 degrees in S-parameter phase (6GHz max.)

/Component Information

HKQ0402 [0402/01005 [mm/inch] CASE, 0.5nH - 47nH, 110 parts]

HKQ0603C [0603/0201 [mm/inch] CASE, 0.6nH - 22nH, 48 parts]

HKQ0603S [0603/0201 [mm/inch] CASE, 0.6nH - 22nH, 48 parts]

HKQ0603U [0603/0201 [mm/inch] CASE, 0.6nH - 22nH, 60 parts]

HKQ0603W [0603/0201 [mm/inch] CASE, 0.6nH - 100nH, 62 parts]

AQ105 [1006/0402 [mm/inch] CASE, 1nH - 15nH, 24 parts]

(5) Multilayer Chip Inductors (CK series / CK series S type)

/Frequency Range: 1MHz - 100MHz or 1MHz - 200MHz

/Component Information

CK1608 [1608/0603 [mm/inch] CASE, 4.7uH - 10uH, 2 parts]

CK2125 [2125/0805 [mm/inch] CASE, 100nH - 10uH, 13 parts]

CKS2125 [2125/0805 [mm/inch] CASE, 1uH - 10uH, 4 parts]

(6) Multilayer Chip Inductors (LK series)

/Frequency Range: 100kHz - 110MHz or 1MHz - 1GHz

/Component Information

LK1005 [1005/0402 [mm/inch] CASE, 120nH - 2.2uH, 16 parts]

LK1608 [1608/0603 [mm/inch] CASE, 47nH - 33uH, 34 parts]

LK2125 [2125/0805 [mm/inch] CASE, 47nH - 33uH, 34 parts]

(7) High Frequency Multilayer Chip Inductors

for Automotive / Industrial Applications (HK series)

/Frequency Range: 1MHz - 3GHz or 45MHz - up to frequency of -15 degrees in S-parameter phase (6GHz max.)

/Component Information

HK1005 [1005/0402 [mm/inch] CASE, 1nH - 270nH, 39 parts]

HK1608 [1608/0603 [mm/inch] CASE, 1nH - 0.47uH, 33 parts]

(8) Multilayer Chip Inductors for Automotive / Industrial Applications (LK Series)

/Frequency Range: 1MHz - 1GHz

/Component Information

LK1005 [1005/0402 [mm/inch] CASE, 120nH - 2.2uH, 16 parts]

Wound Inductors

(1) Wire-wound Chip Power Inductors (BR series)

/Frequency Range: 0.1MHz - up to frequency of -15 degrees in S-parameter phase (1.8GHz max.)

/Component Information

BRC1608 [1608/0603 [mm/inch] CASE, 0.2uH - 2.2uH, 14 parts]

BRC2012 [2012/0805 [mm/inch] CASE, 1uH - 4.7uH, 5 parts]

BRC2016 [2016/0806 [mm/inch] CASE, 1uH - 100uH, 13 parts]

BRC2518 [2518/1007 [mm/inch] CASE, 1uH - 100uH, 13 parts]

BRFL2518 [2518/1007 [mm/inch] CASE, 1uH - 4.7uH, 5 parts]

BRHL2518 [2518/1007 [mm/inch] CASE, 1uH - 4.7uH, 5 parts]

BRL1608 [1608/0603 [mm/inch] CASE, 1uH - 15uH, 8 parts]

BRL2012 [2012/0805 [mm/inch] CASE, 0.47uH - 100uH, 17 parts]

BRL2515 [2515/1006 [mm/inch] CASE, 1uH - 4.7uH, 5 parts]

BRL2518 [2518/1007 [mm/inch] CASE, 1uH - 4.7uH, 5 parts]

BRL3225 [3225/1210 [mm/inch] CASE, 0.27uH - 100uH, 16 parts]

(2) Wire-wound Chip Power Inductors (CB series)

/Frequency Range: 0.1MHz - up to frequency of -15 degrees in S-parameter phase (1.8GHz max.)

/Component Information

CB2012 [2012/0805 [mm/inch] CASE, 1uH - 100uH, 12 parts]

CB2016 [2016/0806 [mm/inch] CASE, 1uH - 100uH, 13 parts]

CB2518 [2518/1007 [mm/inch] CASE, 1uH - 1000uH, 20 parts]

CBC2012 [2012/0805 [mm/inch] CASE, 1uH - 47uH, 6 parts]

CBC2016 [2016/0806 [mm/inch] CASE, 1uH - 100uH, 13 parts]

CBC2518 [2518/1007 [mm/inch] CASE, 1uH - 680uH, 18 parts]

CBC3225 [3225/1210 [mm/inch] CASE, 1uH - 1000uH, 16 parts]

CBL2012 [2012/0805 [mm/inch] CASE, 1uH - 47uH, 6 parts]

CBMF1608 [1608/0603 [mm/inch] CASE, 1uH - 47uH, 7 parts]

(3) Metal Core Wire-wound Chip Power Inductors (MCOIL™ MA series)

/Frequency Range: 0.1MHz - up to frequency of -15 degrees in S-parameter phase

/Component Information

 **MAKK2016** [2016/0806 [mm/inch] CASE, 0.24uH - 4.7uH, 9 parts]

 **MAKK2520** [2520/1008 [mm/inch] CASE, 0.33uH - 4.7uH, 8 parts]

MAMK2520 [2520/1008 [mm/inch] CASE, 0.47uH - 4.7uH, 6 parts]

(4) Metal Core Wire-wound Chip Power Inductors (MCOIL™ MA series H (High Spec.) type)

/Frequency Range: 0.1MHz - up to frequency of -15 degrees in S-parameter phase

/Component Information

MAKK2016 [2016/0806 [mm/inch] CASE, 0.24uH - 1.5uH, 6 parts]

MAKK2520 [2520/1008 [mm/inch] CASE, 0.22uH - 2.2uH, 7 parts]

MAMK2520 [2520/1008 [mm/inch] CASE, 0.22uH - 2.2uH, 7 parts]

(5) Metal Wire-wound Chip Power Inductors (MCOIL™ MB series)

/Frequency Range: 0.1MHz to 1800MHz or 0.1MHz - up to frequency of -15 degrees in S-parameter phase

/Component Information

MBKK1608 [1608/0603 [mm/inch] CASE, 0.24uH - 4.7uH, 8 parts]

MBKK2012 [2012/0805 [mm/inch] CASE, 0.24uH - 4.7uH, 8 parts]

MBMK2520 [2520/1008 [mm/inch] CASE, 0.24uH - 4.7uH, 8 parts]

(6) Metal Wire-wound Chip Power Inductors (MCOIL™ MB series H (High Spec.) type)

/Frequency Range: 0.1MHz to 1800MHz or 0.1MHz - up to frequency of -15 degrees in S-parameter phase

/Component Information

MBKK1608 [1608/0603 [mm/inch] CASE, 0.24uH - 4.7uH, 8 parts]

MBMK2520 [2520/1008 [mm/inch] CASE, 0.24uH - 4.7uH, 8 parts]

MBPK3225 [3225/1210 [mm/inch] CASE, 0.47uH - 4.7uH, 7 parts]

(7) Metal Core SMD Power Inductors (MCOIL™ MD series)

/Frequency Range: 0.1MHz - up to frequency of -15 degrees in S-parameter phase

/Component Information

MDJE2020 [2.0x2.0x0.95/0.079x0.079x0.037 [mm/inch] CASE, 1uH - 10uH, 6 parts]

MDJE4040 [4.0x4.0x0.95/0.157x0.157x0.037 [mm/inch] CASE, 0.47uH - 10uH, 8 parts]

MDKK1616 [1.6x1.6x1.0/0.065x0.065x0.039 [mm/inch] CASE, 0.47uH - 15uH, 9 parts]

MDKK2020 [2.0x2.0x1.0/0.079x0.079x0.039 [mm/inch] CASE, 0.47uH - 15uH, 9 parts]

MDKK3030 [3.0x3.0x1.0/0.118x0.118x0.039 [mm/inch] CASE, 0.47uH - 10uH, 8 parts]

MDMK2020 [2.0x2.0x1.2/0.079x0.079x0.047 [mm/inch] CASE, 0.47uH - 4.7uH, 7 parts]

MDMK3030 [3.0x3.0x1.2/0.118x0.118x0.047 [mm/inch] CASE, 0.3uH - 4.7uH, 8 parts]

MDMK4040 [4.0x4.0x1.2/0.157x0.157x0.047 [mm/inch] CASE, 0.47uH - 10uH, 13 parts]

MDPK5050 [4.9x4.9x1.4/0.193x0.193x0.055 [mm/inch] CASE, 1uH - 10uH, 6 parts]

MDWK4040 [4.0x4.0x2.0/0.157x0.157x0.079 [mm/inch] CASE, 0.33uH - 10uH, 10 parts]

(8) Metal Wire-wound Chip Power Inductors (MCOIL™ ME series)

/Frequency Range: 0.1MHz - up to frequency of -15 degrees in S-parameter phase

/Component Information

MEKK2016 [2016/0806 [mm/inch] CASE, 0.47uH - 2.2uH, 3 parts]

Update

MEKK2520 [2520/1008 [mm/inch] CASE, 0.33uH - 1uH, 3 parts]

(9) SMD Power Inductors (NR series/NR series H type/S type/V type)

/Frequency Range: 0.1MHz - up to frequency of -15 degrees in S-parameter phase

/Component Information

NR3010 [3.0x3.0x1.0/0.118x0.118x0.039 [mm/inch] CASE, 1uH - 47uH, 11 parts]

NR3012 [3.0x3.0x1.2/0.118x0.118x0.047 [mm/inch] CASE, 1uH - 47uH, 11 parts]

NR3015 [3.0x3.0x1.5/0.118x0.118x0.059 [mm/inch] CASE, 1uH - 47uH, 11 parts]

NR4010 [4.0x4.0x1.0/0.157x0.157x0.039 [mm/inch] CASE, 1uH - 47uH, 10 parts]

NR4012 [4.0x4.0x1.2/0.157x0.157x0.047 [mm/inch] CASE, 1uH - 47uH, 10 parts]

NR4018 [4.0x4.0x1.8/0.157x0.157x0.071 [mm/inch] CASE, 1uH - 220uH, 14 parts]

NR5040 [4.9x4.9x4.0/0.193x0.193x0.161 [mm/inch] CASE, 1.5uH - 47uH, 10 parts]

NR6012 [6.0x6.0x1.2/0.236x0.236x0.047 [mm/inch] CASE, 2.5uH - 100uH, 11 parts]

NR6020 [6.0x6.0x2.0/0.236x0.236x0.079 [mm/inch] CASE, 0.8uH - 22uH, 8 parts]

NR6028 [6.0x6.0x2.8/0.236x0.236x0.110 [mm/inch] CASE, 0.9uH - 100uH, 13 parts]

NR6045 [6.0x6.0x4.5/0.236x0.236x0.177 [mm/inch] CASE, 1uH - 100uH, 14 parts]

NR8040 [8.0x8.0x4.0/0.315x0.315x0.165 [mm/inch] CASE, 0.9uH - 100uH, 13 parts]

NR10050 [10.0x9.8x5.0/0.394x0.386x0.197 [mm/inch] CASE, 1.3uH - 220uH, 14 parts]

NRH2410 [2.4x2.4x1.0/0.094x0.094x0.039 [mm/inch] CASE, 0.68uH - 22uH, 10 parts]

NRH2412 [2.4x2.4x1.2/0.094x0.094x0.047 [mm/inch] CASE, 0.47uH - 10uH, 8 parts]

NRH3010 [3.0x3.0x1.0/0.118x0.118x0.039 [mm/inch] CASE, 1.2uH - 47uH, 10 parts]

NRH3012 [3.0x3.0x1.2/0.118x0.118x0.047 [mm/inch] CASE, 0.47uH - 22uH, 10 parts]

NRS2012 [2.0x2.0x1.2/0.079x0.079x0.047 [mm/inch] CASE, 1uH - 4.7uH, 5 parts]

Update **NRS3015** [3.0x3.0x1.5/0.118x0.118x0.059 [mm/inch] CASE, 1uH - 47uH, 11 parts]

Update **NRS4010** [4.0x4.0x1.0/0.157x0.157x0.039 [mm/inch] CASE, 1uH - 47uH, 10 parts]

Update **NRS4012** [4.0x4.0x1.2/0.157x0.157x0.047 [mm/inch] CASE, 1uH - 47uH, 11 parts]

Update **NRS4018** [4.0x4.0x1.8/0.157x0.157x0.071 [mm/inch] CASE, 1uH - 220uH, 15 parts]

NRS5010 [4.9x4.9x1.0/0.193x0.193x0.039 [mm/inch] CASE, 1uH - 22uH, 8 parts]

NRS5012 [4.9x4.9x1.2/0.193x0.193x0.047 [mm/inch] CASE, 1uH - 15uH, 8 parts]

NRS5014 [4.9x4.9x1.4/0.193x0.193x0.055 [mm/inch] CASE, 0.47uH - 22uH, 9 parts]

Update **NRS5020** [4.9x4.9x2.0/0.193x0.193x0.079 [mm/inch] CASE, 0.47uH - 100uH, 11 parts]

NRS5024 [4.9x4.9x2.4/0.193x0.193x0.094 [mm/inch] CASE, 1uH - 33uH, 10 parts]

NRS5030 [4.9x4.9x3.0/0.193x0.193x0.118 [mm/inch] CASE, 0.47uH - 47uH, 11 parts]

NRS5040 [4.9x4.9x4.1 or 4.0/0.193x0.193x0.161 or 0.157 [mm/inch] CASE, 1.5uH - 47uH, 10 parts]

NRS6010 [6.0x6.0x1.0/0.236x0.236x0.039 [mm/inch] CASE, 1.5uH - 22uH, 7 parts]

NRS6012 [6.0x6.0x1.2/0.236x0.236x0.047 [mm/inch] CASE, 1uH - 100uH, 14 parts]

NRS6014 [6.0x6.0x1.4/0.236x0.236x0.055 [mm/inch] CASE, 1.2uH - 22uH, 8 parts]

NRS6020 [6.0x6.0x2.0/0.236x0.236x0.079 [mm/inch] CASE, 0.8uH - 22uH, 8 parts]

NRS6028 [6.0x6.0x2.8/0.236x0.236x0.11 [mm/inch] CASE, 0.9uH - 100uH, 13 parts]

Update **NRS6045** [6.0x6.0x4.5/0.236x0.236x0.177 [mm/inch] CASE, 1uH - 100uH, 19 parts]

NRS8030 [8.0x8.0x3.0/0.315x0.315x0.039 [mm/inch] CASE, 1uH - 47uH, 11 parts]

Update **NRS8040** [8.0x8.0x4.0/0.315x0.315x0.039 [mm/inch] CASE, 0.9uH - 100uH, 18 parts]

NRV2010 [2.0x2.0x1.0/0.118x0.118x0.039 [mm/inch] CASE, 0.47uH - 4.7uH, 7 parts]

NRV2012 [2.0x2.0x1.2/0.118x0.118x0.047 [mm/inch] CASE, 1uH - 4.7uH, 5 parts]

NRV3012 [3.0x3.0x1.2/0.118x0.118x0.047 [mm/inch] CASE, 1uH - 10uH, 7 parts]

(10) SMD Power Inductors (NS series)

/Frequency Range: 0.1MHz - up to frequency of -15 degrees in S-parameter phase

/Component Information

NS10145 [10.1x10.1x4.5/0.398x0.398x0.177 [mm/inch] CASE, 1uH - 1500uH, 21 parts]

NS10155 [10.1x10.1x5.5/0.398x0.398x0.217 [mm/inch] CASE, 1.5uH - 22uH, 8 parts]

NS10165 [10.1x10.1x6.5/0.398x0.398x0.256 [mm/inch] CASE, 1.5uH - 22uH, 8 parts]

NS12555 [12.5x12.5x5.5/0.492x0.492x0.217 [mm/inch] CASE, 6uH - 1500uH, 15 parts]

NS12565 [12.5x12.5x6.5/0.492x0.492x0.256 [mm/inch] CASE, 2uH - 220uH, 12 parts]

NS12575 [12.5x12.5x7.5/0.492x0.492x0.295 [mm/inch] CASE, 1.2uH - 1000uH, 15 parts]

(11) Wire-wound Chip Inductors for Signal Lines (LB series M type)

/Frequency Range: 0.1MHz - up to frequency of -15 degrees in S-parameter phase (1.8GHz max.)

/Component Information

LBM2016 [2016/0806 [mm/inch] CASE, 0.12uH - 220uH, 39 parts]

(12) Wire-wound Chip Inductors (LB series)

/Frequency Range: 0.1MHz - up to frequency of -15 degrees in S-parameter phase (1.8GHz max.)

/Component Information

LB1608 [1608/0603 [mm/inch] CASE, 1uH - 10uH, 5 parts]

LB2012 [2012/0805 [mm/inch] CASE, 1uH - 100uH, 12 parts]

LB2016 [2016/0806 [mm/inch] CASE, 1uH - 100uH, 13 parts]

LB2518 [2518/1007 [mm/inch] CASE, 1uH - 1000uH, 20 parts]

LB3218 [3218/1207 [mm/inch] CASE, 1uH - 1000uH, 19 parts]

LBC2012 [2012/0805 [mm/inch] CASE, 1uH - 47uH, 6 parts]

LBC2016 [2016/0806 [mm/inch] CASE, 1uH - 100uH, 13 parts]

LBC2518 [2518/1007 [mm/inch] CASE, 1uH - 680uH, 19 parts]

LBC3225 [3225/1210 [mm/inch] CASE, 1uH - 100uH, 13 parts]

LBMF1608 [1608/0603 [mm/inch] CASE, 1uH - 47uH, 7 parts]

LBR2012 [2012/0805 [mm/inch] CASE, 1uH - 100uH, 7 parts]

LBR2518 [2518/1007 [mm/inch] CASE, 1uH - 100uH, 7 parts]

(13) Wire-wound Chip Power Inductors for Automotive / Industrial Applications (CB Series)

/Frequency Range: 0.1MHz - up to frequency of -15 degrees in S-parameter phase (1.8GHz max.)

/Component Information

CB2012 [2012/0805 [mm/inch] CASE, 1uH - 100uH, 12 parts]

CB2016 [2016/0806 [mm/inch] CASE, 1uH - 100uH, 13 parts]

CB2518 [2518/1007 [mm/inch] CASE, 1uH - 1000uH, 20 parts]

CBC2012 [2012/0805 [mm/inch] CASE, 1uH - 47uH, 6 parts]

CBC2016 [2016/0806 [mm/inch] CASE, 1uH - 100uH, 13 parts]

CBC2518 [2518/1007 [mm/inch] CASE, 1uH - 680uH, 18 parts]

CBC3225 [3225/1210 [mm/inch] CASE, 1uH - 1000uH, 16 parts]

(14) Metal Core SMD Power Inductors

for Automotive / Industrial Applications (MCOIL™ MD series)

/Frequency Range: 0.1MHz - up to frequency of -15 degrees in S-parameter phase

/Component Information

MDKK2020 [2.0x2.0x1.0/0.079x0.079x0.039 [mm/inch] CASE, 0.47uH - 10uH, 8 parts]

MDKK3030 [3.0x3.0x1.0/0.118x0.118x0.039 [mm/inch] CASE, 0.47uH - 10uH, 8 parts]

MDMK2020 [2.0x2.0x1.2/0.079x0.079x0.047 [mm/inch] CASE, 0.47uH - 4.7uH, 7 parts]

MDMK3030 [3.0x3.0x1.2/0.118x0.118x0.047 [mm/inch] CASE, 0.3uH - 4.7uH, 8 parts]

MDMK4040 [4.0x4.0x1.2/0.157x0.157x0.047 [mm/inch] CASE, 0.47uH - 2.2uH, 5 parts]

(15) SMD Power Inductors

for Automotive / Industrial Applications (NR series H type/S type/V type)

/Frequency Range: 0.1MHz - up to frequency of -15 degrees in S-parameter phase

/Component Information

NRH2410 [2.4x2.4x1.0/0.094x0.094x0.039 [mm/inch] CASE, 0.68uH - 22uH, 10 parts]

NRH2412 [2.4x2.4x1.2/0.094x0.094x0.047 [mm/inch] CASE, 0.47uH - 10uH, 8 parts]

NRH3010 [3.0x3.0x1.0/0.118x0.118x0.039 [mm/inch] CASE, 1.2uH - 47uH, 10 parts]

NRH3012 [3.0x3.0x1.2/0.118x0.118x0.047 [mm/inch] CASE, 0.47uH - 22uH, 10 parts]

NRS2412 [2.4x2.4x1.2/0.094x0.094x0.047 [mm/inch] CASE, 1uH - 4.7uH, 5 parts]

NRS3015 [3.0x3.0x1.5/0.118x0.118x0.059 [mm/inch] CASE, 1uH - 22uH, 8 parts]

NRS4010 [4.0x4.0x1.0/0.157x0.157x0.039 [mm/inch] CASE, 1uH - 22uH, 8 parts]

NRS4012 [4.0x4.0x1.2/0.157x0.157x0.047 [mm/inch] CASE, 1uH - 22uH, 8 parts]

Update **NRS4018** [4.0x4.0x1.8/0.157x0.157x0.071 [mm/inch] CASE, 1uH - 220uH, 15 parts]

NRS5010 [4.9x4.9x1.0/0.193x0.193x0.039 [mm/inch] CASE, 1uH - 22uH, 8 parts]

NRS5012 [4.9x4.9x1.2/0.193x0.193x0.047 [mm/inch] CASE, 1uH - 15uH, 8 parts]

NRS5014 [4.9x4.9x1.4/0.193x0.193x0.055 [mm/inch] CASE, 0.47uH - 22uH, 9 parts]

Update **NRS5020** [4.9x4.9x2.0/0.193x0.193x0.079 [mm/inch] CASE, 0.47uH - 100uH, 11 parts]

NRS5024 [4.9x4.9x2.4/0.193x0.193x0.094 [mm/inch] CASE, 1uH - 33uH, 10 parts]

NRS5030 [4.9x4.9x3.0/0.193x0.193x0.118 [mm/inch] CASE, 0.47uH - 47uH, 11 parts]

NRS5040 [4.9x4.9x4.1 or 4.0/0.193x0.193x0.161 or 0.157 [mm/inch] CASE, 1.5uH - 47uH, 10 parts]

NRS6010 [6.0x6.0x1.0/0.236x0.236x0.039 [mm/inch] CASE, 1.5uH - 22uH, 7 parts]

NRS6012 [6.0x6.0x1.2/0.236x0.236x0.047 [mm/inch] CASE, 1uH - 100uH, 14 parts]

NRS6014 [6.0x6.0x1.4/0.236x0.236x0.055 [mm/inch] CASE, 1.2uH - 22uH, 8 parts]

NRS6020 [6.0x6.0x2.0/0.236x0.236x0.079 [mm/inch] CASE, 0.8uH - 22uH, 8 parts]

NRS6028 [6.0x6.0x2.8/0.236x0.236x0.11 [mm/inch] CASE, 0.9uH - 100uH, 13 parts]

NRS6045 [6.0x6.0x4.5/0.236x0.236x0.177 [mm/inch] CASE, 1uH - 100uH, 14 parts]

NRS8030 [8.0x8.0x3.0/0.315x0.315x0.039 [mm/inch] CASE, 1uH - 47uH, 11 parts]

NRS8040 [8.0x8.0x4.0/0.315x0.315x0.039 [mm/inch] CASE, 0.9uH - 100uH, 12 parts]

NRV2010 [2.0x2.0x1.0/0.079x0.079x0.039 [mm/inch] CASE, 0.47uH - 4.7uH, 7 parts]

NRV2012 [2.0x2.0x1.2/0.079x0.079x0.047 [mm/inch] CASE, 1uH - 4.7uH, 5 parts]

NRV3012 [3.0x3.0x1.2/0.118x0.118x0.047 [mm/inch] CASE, 1uH - 10uH, 7 parts]

(16) SMD Power Inductors for Automotive / Industrial Applications (NS series)

/Frequency Range: 0.1MHz - up to frequency of -15 degrees in S-parameter phase

/Component Information

NS10145 [10.1x10.1x4.5/0.398x0.398x0.177 [mm/inch] CASE, 1uH - 1500uH, 21 parts]

NS10155 [10.1x10.1x5.5/0.398x0.398x0.217 [mm/inch] CASE, 1.5uH - 22uH, 8 parts]

NS10165 [10.1x10.1x6.5/0.398x0.398x0.256 [mm/inch] CASE, 1.5uH - 22uH, 8 parts]

NS12555 [12.5x12.5x5.5/0.492x0.492x0.217 [mm/inch] CASE, 6uH - 1500uH, 15 parts]

NS12565 [12.5x12.5x6.5/0.492x0.492x0.256 [mm/inch] CASE, 2uH - 220uH, 12 parts]

NS12575 [12.5x12.5x7.5/0.492x0.492x0.295 [mm/inch] CASE, 1.2uH - 1000uH, 15 parts]

(17) Signal Lines Wire-wound Chip Inductors for Automotive / Industrial Applications (LB series M type)

/Frequency Range: 0.1MHz - up to frequency of -15 degrees in S-parameter phase (1.8GHz max.)

/Component Information

LBM2016 [2016/0806 [mm/inch] CASE, 0.12uH - 100uH, 36 parts]

(18) Wire-wound Chip Inductors for Automotive / Industrial Applications (LB series)

/Frequency Range: 0.1MHz - up to frequency of -15 degrees in S-parameter phase (1.8GHz max.)

/Component Information

LB2012 [2012/0805 [mm/inch] CASE, 1uH - 100uH, 12 parts]

LB2016 [2016/0806 [mm/inch] CASE, 1uH - 100uH, 13 parts]

LB2518 [2518/1007 [mm/inch] CASE, 1uH - 1000uH, 20 parts]

LB3218 [3218/1207 [mm/inch] CASE, 1uH - 1000uH, 19 parts]

LBC2012 [2012/0805 [mm/inch] CASE, 1uH - 47uH, 6 parts]

LBC2016 [2016/0806 [mm/inch] CASE, 1uH - 100uH, 13 parts]

LBC2518 [2518/1007 [mm/inch] CASE, 1uH - 680uH, 19 parts]

LBC3225 [3225/1210 [mm/inch] CASE, 1uH - 100uH, 13 parts]

LBR2012 [2012/0805 [mm/inch] CASE, 1uH - 100uH, 7 parts]

LBR2518 [2518/1007 [mm/inch] CASE, 1uH - 100uH, 7 parts]

RF Components

(1) High Frequency Multilayer Chip Balun (Balun)

/Frequency Range: 500MHz - 3GHz

/Component Information

FI_168T155021 [Passband Freq: 900MHz-2200MHz, 1608/0603 [mm/inch] CASE, 1 part]

(2) Balance Filter

/Frequency Range: 50MHz - 8.05GHz or 500MHz - 5.5GHz (some parts available up to 8.5GHz)

/Component Information

FI_212C2450_ [Passband Freq: 2400MHz-2500MHz, 2125/0805 [mm/inch] CASE, 4 parts]

FI_212C3550_ [Passband Freq: 3300MHz-3800MHz, 2125/0805 [mm/inch] CASE, 1 part]

(3) Band Pass Filter

/Frequency Range: 500MHz - 5.5GHz (some parts available up to 8.5GHz)

/Component Information

FI_105B2450_ [Passband Freq: 2400MHz-2500MHz, 1005/0402 [mm/inch] CASE, 1 part]

FI_168B2500_ [Passband Freq: 2300MHz-2700MHz, 1608/0603 [mm/inch] CASE, 1 part]

FI_168B2450_ [Passband Freq: 2400MHz-2500MHz, 1608/0603 [mm/inch] CASE, 1 part]

FI_212B1902_ [Passband Freq: 1884MHz-1930MHz, 2125/0805 [mm/inch] CASE, 1 part]

FI_212B2450_ [Passband Freq: 2400MHz-2500MHz, 2125/0805 [mm/inch] CASE, 2 parts]

(4) Diplexer

/Frequency Range: 1GHz - 3GHz / 100MHz - 8.1GHz / 2GHz - 10GHz / 500MHz - 2.5GHz / 500MHz – 3GHz /
500MHz - 12.5GHz / 500MHz - 20GHz

/Component Information

FI_168P1575_ [Passband Freq: (Low band) 824-960MHz, 1558-1585MHz, 1585-1610MHz /
(High band) 2400-2500MHz,
1608 /0603 [mm/inch] CASE, 2 parts]

FI_168P2450_ [Passband Freq: (Low band) 1558-2500MHz or 2400-2500MHz /
(High band) 4900-5850MHz or 4900-5950MHz,
1608 /0603 [mm/inch] CASE, 4 parts]

FI_212P082931 [Passband Freq: (Low band) 698-894MHz, 880-960MHz /
(High band) 1420-1520MHz, 1560-1610MHz, 1710-2170MHz, 2300-2690MHz,
1608 /0603 [mm/inch] CASE, 1 part]

FI_212P0829_ [Passband Freq: (Low band) 698-960MHz / (High band) 1710-2170MHz, 2500-2690MHz,
1608 /0603 [mm/inch] CASE, 2 parts]

FI_212P0829G2 [Passband Freq: (Low band) 698-960MHz / (High band) 1710-2690MHz
1608 /0603 [mm/inch] CASE, 1 part]

FI_212P0859_ [Passband Freq: (Low band) 698-960MHz /
(High band) 1558-1570MHz, 1570-1580MHz, 1580-1610MHz
2125 /0805 [mm/inch] CASE, 2 parts]

FI_212P0892_ [Passband Freq: (Low band) 824MHz-960MHz / (High band) 1710MHz-2170MHz,
2125 /0805 [mm/inch] CASE, 2 parts]

FI_212P2450_ [Passband Freq: (Low band) 2400-2500MHz / (High band) 4900-5825MHz,
2125 /0805 [mm/inch] CASE, 1 part]

(5) Low Pass Filter

/Frequency Range: 100MHz - 2.5GHz / 100MHz - 8GHz / 100MHz - 8.5GHz / 400MHz - 3GHz / 500MHz – 4.5GHz /
500MHz - 6GHz / 500MHz - 8.5GHz / 500MHz - 13GHz / 1GHz - 6GHz

/Component Information

FI_105L0870_ [Passband Freq: 824-915MHz, 1005/0402 [mm/inch] CASE, 1 part]

FI_105L1868_ [Passband Freq: 1710MHz-2025MHz, 1005/0402 [mm/inch] CASE, 1 part]

FI_105L2500_ [Passband Freq: 2400MHz-2500MHz, 1005/0402 [mm/inch] CASE, 1 part]

FI_168L0620_ [Passband Freq: 470MHz-770MHz, 1608/0603 [mm/inch] CASE, 1 part]

FI_168L0628_ [Passband Freq: 470MHz-787MHz, 1608/0603 [mm/inch] CASE, 1 part]

FI_168L0835_ [Passband Freq: 698MHz-960MHz, 1608/0603 [mm/inch] CASE, 1 part]

FI_168L1681_ [Passband Freq: 673MHz-2690MHz, 1608/0603 [mm/inch] CASE, 1 part]

FI_168L2200_ [Passband Freq: 1700-2170MHz, 2170-2500MHz, 2500-2700MHz, 1608/0603 [mm/inch] CASE, 1 part]

(6) Dual Filter

/Frequency Range: 500MHz - 8.5GHz

/Component Information

FI_168D0870_ [Passband Freq: (Low band) 824MHz-915MHz / (High band) 1710MHz-1910MHz,
1608/0603 [mm/inch] CASE, 1 part]

(7) Coupler

/Frequency Range: 500MHz - 3GHz

/Component Information

FI_168K1697_ [Passband Freq: 704MHz-2690MHz, 1608/0603 [mm/inch] CASE, 1 part]

Common Mode Choke Coils

(1) Multilayer Common Mode Choke Coils

/Frequency Range: 300kHz - 8.5GHz

/Component Information

MCF0605 [0605/0202 [mm/inch] CASE, Common Impedance at 100MHz(typ) : 12Ohm - 90Ohm, 4 parts]

MCF0806 [0806/0303 [mm/inch] CASE, Common Impedance at 100MHz(typ) : 12Ohm - 90Ohm, 4 parts]

MCF1210 [1210/0504 [mm/inch] CASE, Common Impedance at 100MHz(typ) : 40Ohm - 90Ohm, 4 parts]