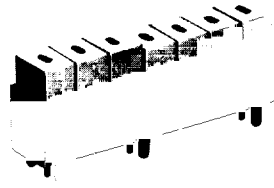


Antenna Duplexers アンテナデュプレクサ



(32.8 × 12 × 6.6mm) Max.
G6PH

Specifications (G6PH-815D 860-12)

Item		TX (Transmit side)	RX (Receive side)
Center Frequency	(MHz)	815.5	860.5
Bandwidth	(MHz)	Fo ± 9.5	Fo ± 9.5
Insertion Loss	(dB Max.)	1.8	2.7
Bandwidth Ripple	(dB Max.)	0.5	1.0
Bandwidth V.S.W.R.	(Max.)	2	2
Attenuation	(dB Min.)		
	806 ~ 825MHz	—	58
	851 ~ 870MHz	43	—
		941 ~ 960MHz	30
Impedance	(Ω)	50	50
Maximum Input Power	(W)	5	5

Flat Surface Antenna for GPS receiver GPS用 平面アンテナ



(25mm Square)
DAK Type

GPS受信周波数 1575.42 ± 1.023MHz (70mm □ GND Plane)

Specifications

Center Frequency	1580.5MHz
Bandwidth	9MHz Min.
Impedance	50Ω
Temperature Coefficient	20ppm/°C Max.

Dielectric Resonators 誘電体共振器



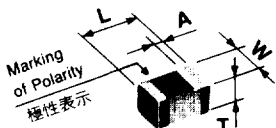
(4.5mm Square × L)
DR45

Specifications

Temperature Coefficient	3 ± 5ppm/°C (−25°C ~ +25°C) 7 ± 5ppm/°C (+25°C ~ +85°C)
Frequency Range	745 ~ 1600MHz
Initial Frequency Tolerance	± 0.7%
Q (Typ.)	250Min.

Multilayer Chip Inductors 積層チップインダクタ

LL1608-F Series



(UNIT: mm)

L : 1.6 ± 0.15 A : 0.3 ± 0.2
W : 0.80 ± 0.15 T : 0.8 ± 0.15

Features

- Laminated Ceramic Allows High S.R.F.
- Miniature Size (1.6 × 0.8 × 0.8mm)
- Q: 20 Typical (at 800MHz)
- Operating Temperature: −40°C ~ +100°C
- Packaged on Tape and Reel

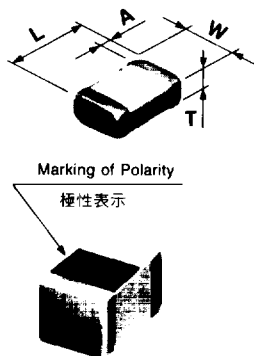
Specifications

Inductance Range: 1.2 ~ 100nH (E-12)

TOKO Part Number	Inductance L (nH) 100MHz	Inductance Tolerance	Q (Typ.) (MHz)		S.R.F. (MHz) (Typ.)	Pcs Per Tape
			100	800		
LL1608-F1N2S	1.2	S	10	40	>6000	4000
LL1608-F2N7S	2.7	S	10	32	>6000	4000
LL1608-F3N3□	3.3	S, K, M	10	30	5700	4000
LL1608-F5N6□	5.6	S, K, M	10	32	4350	4000
LL1608-F6N8□	6.8	J, K, M	11	32	3750	4000
LL1608-FR10□	100	J, K, M	15	3	830	4000

□: Tolerance (S = ± 0.3nH, J = ± 5%, K = ± 10%, M = ± 20%)

LL2012-F Series



(UNIT: mm)

L : 2.0 ± 0.2 T : 0.6 ± 0.2
W : 1.25 ± 0.2 : 0.85 ± 0.3
A : 0.5 ± 0.3 : 1.0 ± 0.3
 : 1.1 ± 0.3

Features

- Laminated Ceramic Allows High S.R.F.
- Miniature Size (2 × 1.25 × T mm)
- Q: 30 Typical (at 800MHz)
- Operating Temperature: −40°C ~ +100°C
- Packaged on Tape and Reel

Specifications

Inductance Range: 1.5 ~ 470nH (E-12)

TOKO Part Number	Inductance			Q (Typ.) (MHz)		S.R.F. (MHz) (Typ.)	Pcs Per Tape
	L (nH)	Freq. (MHz)	Tolerance	25	50 100 800		
LL2012-F1N5S	1.5	100	S	—	— 13 40	>6000	4300
LL2012-F2N7S	2.7	100	S	—	— 12 36	>6000	4300
LL2012-F3N3□	3.3	100	S, K, M	—	— 13 56	>6000	4300
LL2012-F5N6□	5.6	100	S, K, M	—	— 15 53	4000	4300
LL2012-F6N8□	6.8	100	J, K, M	—	— 15 51	3650	4300
LL2012-F47N□	47	100		—	— 18 33	1200	3300
LL2012-FR12□	120	50	K, M	—	15 19 —	650	2300
LL2012-FR22□	120	50	K, M	—	15 19 —	650	2300
LL2012-FR27□	470	25	K, M	13	16 — —	300	2300
LL2012-FR47□	470	25	K, M	13	16 — —	300	2300

□: Tolerance (S = ± 0.3nH, J = ± 5%, K = ± 10%, M = ± 20%)