

1. Part Description

1.1 Part Numbering (Example)

(Ex.) 1210 H S - 120 E J F S

SIZE .

0402 1.0 * 0.5 mm
0603 1.6 * 0.8 mm
0805 2.0 * 1.2 mm
1008 2.5 * 2.0 mm
1206 3.2 * 1.6 mm
1210 3.2 * 2.5 mm

SHAPE.

C : C SHAPE
H : H SHAPE
M : MOLDING

PROFILE .

S: STANDARD
T: LOW PROFILE
Q:HIGH Q

INDUCTANCE .

1ST , 2ND , 3RD MULTIPLIER

PACK .

S=EIA RS481 CLEAR TAPE & REEL

TERMINALTYPE/MATERIAL.

A/T = Terminal
F = Ferrite Core (Substrate)

INDUCTANCE TOLERANCE .

G = $\pm 2\%$, H = $\pm 3\%$, J = $\pm 5\%$, K = $\pm 10\%$
B= $\pm 0.1n H$, C= $\pm 0.2n H$, D= $\pm 0.5 n H$

SHAPE .

E = FLAT TOP



WIRE-WOUND CHIP INDUCTOR – FERRITE/OPEN TYPE

1210HS(3225) Ferrite Series (0.12 ~ 56uH)

Part Number	Inductance uH	Percent Tolerance	Q Min	SRF Min MHz	RDC Max Ohms	IDC Max mA
1210HS- 121E_FS	0.12 @ 25.2MHz	20,10,5	35 @ 25.2MHz	800	0.10	700
1210HS- 151E_FS	0.15 @ 25.2MHz	20,10,5	35 @ 25.2MHz	600	0.15	650
1210HS- 181E_FS	0.18 @ 25.2MHz	20,10,5	35 @ 25.2MHz	650	0.10	650
1210HS- 221E_FS	0.22 @ 25.2MHz	20,10,5	35 @ 25.2MHz	500	0.15	600
1210HS- 271E_FS	0.27 @ 25.2MHz	20,10,5	35 @ 25.2MHz	450	0.10	600
1210HS- 331E_FS	0.33 @ 25.2MHz	20,10,5	35 @ 25.2MHz	400	0.25	530
1210HS- 391E_FS	0.39 @ 25.2MHz	20,10,5	35 @ 25.2MHz	400	0.25	530
1210HS- 471E_FS	0.47 @ 25.2MHz	20,10,5	35 @ 25.2MHz	300	0.25	530
1210HS- 561E_FS	0.56 @ 25.2MHz	20,10,5	35 @ 25.2MHz	250	0.25	530
1210HS- 681E_FS	0.68 @ 25.2MHz	20,10,5	35 @ 25.2MHz	250	0.25	470
1210HS- 821E_FS	0.82 @ 25.2MHz	20,10,5	35 @ 25.2MHz	250	0.25	450
1210HS- 102E_FS	1.00 @ 7.96MHz	20,10,5	30 @ 7.96MHz	200	0.50	445
1210HS- 122E_FS	1.20 @ 7.96MHz	20,10,5	30 @ 7.96MHz	250	0.60	425
1210HS- 152E_FS	1.50 @ 7.96MHz	20,10,5	30 @ 7.96MHz	200	0.60	400
1210HS- 182E_FS	1.80 @ 7.96MHz	20,10,5	30 @ 7.96MHz	150	0.70	390
1210HS- 222E_FS	2.20 @ 7.96MHz	20,10,5	30 @ 7.96MHz	150	0.80	370
1210HS- 272E_FS	2.70 @ 7.96MHz	20,10,5	30 @ 7.96MHz	150	0.90	320
1210HS- 332E_FS	3.30 @ 7.96MHz	20,10,5	30 @ 7.96MHz	120	1.00	300
1210HS- 392E_FS	3.90 @ 7.96MHz	20,10,5	30 @ 7.96MHz	120	1.10	290
1210HS- 472E_FS	4.70 @ 7.96MHz	20,10,5	30 @ 7.96MHz	100	1.20	270
1210HS- 562E_FS	5.60 @ 7.96MHz	20,10,5	30 @ 7.96MHz	100	1.30	250
1210HS- 682E_FS	6.80 @ 7.96MHz	20,10,5	30 @ 7.96MHz	85	1.50	240
1210HS- 822E_FS	8.20 @ 7.96MHz	20,10,5	30 @ 7.96MHz	40	1.69	225
1210HS- 103E_FS	10.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	36	1.80	190
1210HS- 123E_FS	12.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	33	2.00	180
1210HS- 153E_FS	15.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	30	2.20	170
1210HS- 183E_FS	18.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	27	2.50	165
1210HS- 223E_FS	22.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	25	2.80	150
1210HS- 273E_FS	27.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	20	3.10	125
1210HS- 333E_FS	33.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	17	3.50	115
1210HS- 393E_FS	39.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	16	3.90	110
1210HS- 473E_FS	47.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	15	4.30	100
1210HS- 563E_FS	56.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	13	4.90	85

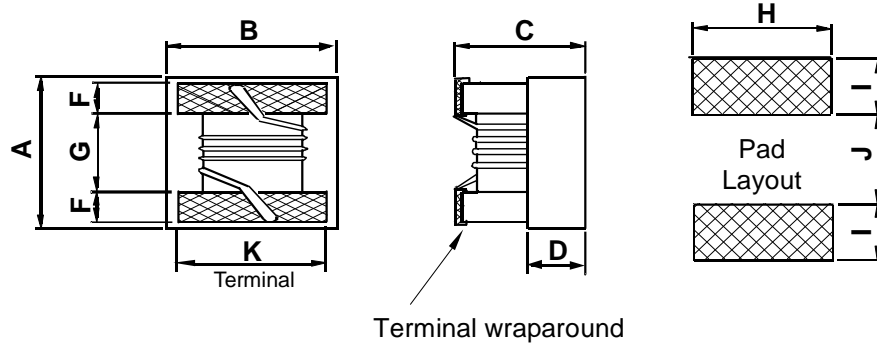
Working Temperature : -40 °C ~ 85 °C



WIRE-WOUND CHIP INDUCTOR – FERRITE/OPEN TYPE

1210HS Series Shape & Dimension

Shape & Dimension



	A		B		C		D Ref.	K	F	G	H	I	J
	Max.	Ref.	Max.	Ref.	Max.	Ref.							
inch	0.138	0.130	0.110	0.100	0.090	0.089	0.031	0.090	0.022	0.079	0.110	0.040	0.070
mm	3.50	3.30	2.80	2.54	2.40	2.25	0.78	2.40	0.55	2.00	2.80	1.02	1.78

Parts/Reel: 7" 2,000 PCS

Tape Width: 8mm



WIRE-WOUND CHIP INDUCTOR – FERRITE/OPEN TYPE

1008PS(2520) Ferrite Series (1.0 ~ 1000uH)

