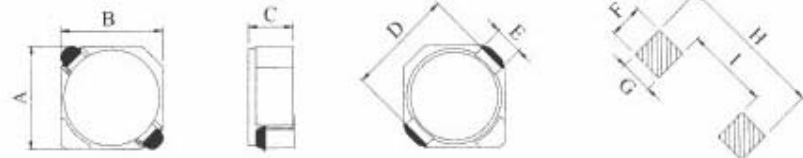
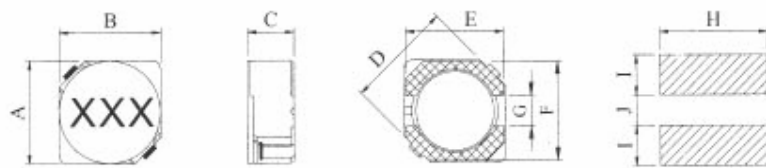
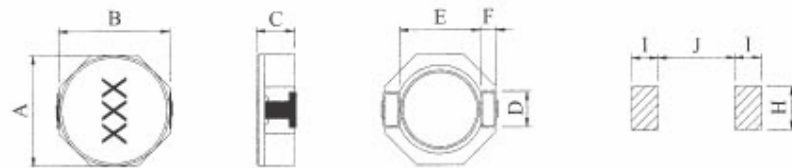


SHAPES & DIMENSION


DIMENSION(mm)

LAND PATTERN(mm)


3D16

4D18/4D28/5D18/5D28/6D18/6D28

8D28/8D43
APPLICATION

- LCR Monitor
- P.D.A
- Notebook PC
- Power supply for VTR
- Digital camera
- Small size communication equipment

Type	A	B	C	D	E	F	G	H	I	J
GSRHT 3D16	4.0 Max	4.0 Max	1.8 Max	5.2 Max	1.1	1.5	1.4	5.2	2.4	
GSRHT 4D18	5.0 Max	5.0 Max	2.0 Max	6.9 Max	4.5	4.5	1.5	5.3	1.9	1.5
GSRHT 4D28	5.0 Max	5.0 Max	3.0 Max	6.9 Max	4.5	4.5	1.5	5.3	1.9	1.5
GSRHT 5D18	6.0 Max	6.0 Max	2.0 Max	8.2 Max	5.5	5.5	2.0	6.3	2.2	2.0
GSRHT 5D28	6.0 Max	6.0 Max	3.0 Max	8.2 Max	5.5	5.5	2.0	6.3	2.2	2.0
GSRHT 6D28	7.0 Max	7.0 Max	3.0 Max	9.5 Max	6.5	6.5	2.0	7.3	2.7	2.0
GSRHT 6D38	7.0 Max	7.0 Max	4.0 Max	9.5 Max	6.5	6.5	2.0	7.3	2.7	2.0
GSRHT 8D28	8.3 Max	8.3 Max	3.0 Max	2.5	6.3	1.2		2.8	2.0	6.1
GSRHT 8D43	7.3 Max	7.3 Max	4.5 Max	2.5	6.3	1.2		2.8	2.0	6.1

Features

- Low profile and square.
- Magnetically shield and low DC resistance.
- Suitable for large currents.
- Excellent solderability and high heat resistance.
- Low cost and packed in embossed carrier tape.

Part Inductance		RDC(m) GSRHT										Rated DC Current(A) Max. GSRHT							
No.	L(μH)	3D16	4D18	4D28	5D18	5D28	6D28	6D38	8D28	8D43	3D16	4D18	4D28	5D18	5D28	6D28	6D38	8D28	8D43
1R0	1.0		45		28							1.72		3.86					
1R2	1.2	48		23.6							1.80		2.56						
1R5	1.5	52			36						1.55			3.12					
1R8	1.8			27.5									2.20						
2R0	2.0								14										6.4
2R2	2.2	72	75	31.3	43						1.20	1.32	2.04	2.63					
2R5	2.5					18		15.6							2.60		5.40		
2R7	2.7		105	43.3	51							1.28	1.60	2.38					
3R0	3.0					24	24								2.40	3.00			
3R3	3.3	85	110	49.2				20	18.2		1.10	1.04	1.57				3.20	4.80	
3R5	3.5				63									1.95					
3R9	3.9	89	155	64.8			27			19	1.02	0.88	1.44			2.60		5.0	
4R2	4.2					31									2.20				
4R7	4.7	105	162	72.0	72				24.7	22	0.90	0.84	1.32	1.76				4.00	4.6
5R0	5.0						31	24								2.40	2.60		
5R3	5.3					38									1.90				
5R6	5.6	125	170	100.9	83						0.70	0.80	1.17	1.60					
6R0	6.0						35									2.25			
6R2	6.2					45		27							1.80		2.30		
6R8	6.8	170	200	108.9	102					25	0.73	0.76	1.12	1.40					4.2
7R3	7.3						54		39							2.10		3.20	
7R4	7.4							31									2.10		
8R2	8.2	195	230	117.5	116	53					0.65	0.68	1.04	1.25	1.60				
8R6	8.6						58												
8R7	8.7							34										2.00	
100	10	210	260	128.3	124	65	65	44	47	36	0.55	0.61	1.00	1.20	1.30	1.70	1.80	2.70	3.6
120	12	270	280	131.6	162	76	70	53			0.50	0.56	0.84	1.10	1.20	1.55	1.70		
150	15	295	310	149.0	204	103	84	57	69	53	0.45	0.50	0.76	0.97	1.10	1.40	1.45	2.20	2.6
180	18	327	338	166.0	226	110	95	92			0.43	0.48	0.72	0.85	1.00	1.32	1.40		
220	22	430	397	235.0	265	122	128	96	99	75	0.40	0.41	0.70	0.80	0.90	1.20	1.20	1.80	2.1
270	27	470	441	261.0	320	175	142	109			0.35	0.35	0.58	0.75	0.85	1.05	1.10		
330	33	675	694	378.0	380	189	165	124	156	125	0.32	0.32	0.56	0.65	0.75	0.97	1.00	1.40	1.6
390	39	800	709	383.7	496	212	210	138			0.28	0.30	0.50	0.57	0.70	0.86	0.95		
470	47	840	922	587.0	525	250	238	155	195	150	0.26	0.28	0.48	0.54	0.62	0.80	0.85	1.25	1.4
560	56		1080	624.5	795	304	277	202				0.26	0.41	0.50	0.58	0.73	0.75		
680	68		1300	699.0	860	355	304	234	286	240		0.24	0.35	0.43	0.52	0.65	0.70	0.96	1.2
820	82		1560	914.8	980	463	390	324				0.22	0.32	0.41	0.46	0.60	0.62		
101	100		1730	1020	1250	520	535	358	430	360		0.20	0.29	0.35	0.42	0.54	0.58	0.78	0.9
121	120		2390	1270								0.18	0.27						
151	150		2670	1350								0.15	0.24						
181	180		4000	1540								0.14	0.22						
221	220																		
271	270																		
331	330																		
391	390																		

Tolerance:K±10% , L±15% , M±20% , N±30%