

PANASONIC Fixed Inductors



RoHS Compliant This product is RoHS compliant.

SMD CHOKE COILS

ELL-6GG/6PG Series

Applications:

- DC-DC converter circuitry for computer peripherals and cellular phones
- Chopper circuit decoupling chokes for DC-DC converter circuitry

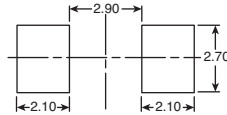


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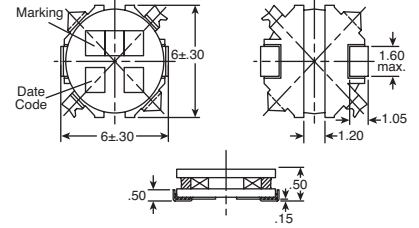
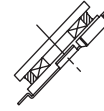
Features:

- Magnetically shielded structure
- Low DC resistance and large current capability

Recommended land patterns in mm (not to scale)



DIMENSIONS: mm (not to scale)



Type	H
ELL6GG	1.6 max.
ELL6PG	2.0 max.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Panasonic Part No.	Value (μF)	Tolerance	DCR (mΩ)	Isat (mA max.)	I temp (mA max.)	Price Each				Reel Quantity	Price Each
							1	25	100	500		
6GG Series												
667-ELL-6GG1R0N	ELL-6GG1R0N	1.0	±30%	27	2,500	2,500	.80	.746	.562	.516	1,000	.345
667-ELL-6GG1R5N	ELL-6GG1R5N	1.5	±30%	36	2,300	2,250	.80	.746	.562	.516	1,000	.345
667-ELL-6GG2R2M	ELL-6GG2R2M	2.2	±20%	45	1,950	2,000	.80	.746	.562	.516	1,000	.345
667-ELL-6GG2R7M	ELL-6GG2R7M	2.7	±20%	54	1,850	1,800	.80	.746	.562	.516	1,000	.345
667-ELL-6GG3R9M	ELL-6GG3R9M	3.9	±20%	60	1,650	1,700	.80	.746	.562	.516	1,000	.345
667-ELL-6GG4R7M	ELL-6GG4R7M	4.7	±20%	70	1,400	1,550	.80	.746	.562	.516	1,000	.345
667-ELL-6GG6R8M	ELL-6GG6R8M	6.8	±20%	110	1,150	1,300	.80	.746	.562	.516	1,000	.345
667-ELL-6GG100M	ELL-6GG100M	10	±20%	170	900	1,000	.80	.746	.562	.516	1,000	.345
667-ELL-6GG150M	ELL-6GG150M	15	±20%	210	800	900	.80	.746	.562	.516	1,000	.345
667-ELL-6GG220M	ELL-6GG220M	22	±20%	300	620	850	.80	.746	.562	.516	1,000	.345
667-ELL-6GG330M	ELL-6GG330M	33	±20%	510	490	580	.80	.746	.562	.516	1,000	.345
667-ELL-6GG470M	ELL-6GG470M	47	±20%	610	400	480	.80	.746	.562	.516	1,000	.345
667-ELL-6GG680M	ELL-6GG680M	68	±20%	860	380	410	.80	.746	.562	.516	1,000	.345
667-ELL-6GG101M	ELL-6GG101M	100	±20%	1,480	300	350	.80	.746	.562	.516	1,000	.345
6PG Series												
667-ELL-6PGR08N	ELL-6PGR08N	0.8	±30%	24	3,800	2,800	.68	.63	.475	.436	1,000	.291
667-ELL-6PG1R5N	ELL-6PG1R5N	1.5	±30%	30	2,500	2,500	.68	.63	.475	.436	1,000	.291
667-ELL-6PG2R2N	ELL-6PG2R2N	2.2	±30%	37	2,200	2,200	.68	.63	.475	.436	1,000	.291
667-ELL-6PG3R3N	ELL-6PG3R3N	3.3	±30%	44	1,700	2,000	.68	.63	.475	.436	1,000	.291
667-ELL-6PG3R9N	ELL-6PG3R9N	3.9	±30%	51	1,600	1,900	.68	.63	.475	.436	1,000	.291
667-ELL-6PG4R7N	ELL-6PG4R7N	4.7	±30%	58	1,500	1,750	.68	.63	.475	.436	1,000	.291
667-ELL-6PG5R6N	ELL-6PG5R6N	5.6	±30%	65	1,450	1,650	.68	.63	.475	.436	1,000	.291
667-ELL-6PG6R8N	ELL-6PG6R8N	6.8	±30%	70	1,400	1,600	.68	.63	.475	.436	1,000	.291
667-ELL-6PG100M	ELL-6PG100M	10	±20%	110	1,300	1,300	.68	.63	.475	.436	1,000	.291
667-ELL-6PG150M	ELL-6PG150M	15	±20%	150	1,000	1,100	.68	.63	.475	.436	1,000	.291
667-ELL-6PG220M	ELL-6PG220M	22	±20%	230	800	900	.68	.63	.475	.436	1,000	.291
667-ELL-6PG270M	ELL-6PG270M	27	±20%	260	730	800	.68	.63	.475	.436	1,000	.291
667-ELL-6PG330M	ELL-6PG330M	33	±20%	300	700	750	.68	.63	.475	.436	1,000	.291
667-ELL-6PG470M	ELL-6PG470M	47	±20%	470	550	600	.68	.63	.475	.436	1,000	.291
667-ELL-6PG560M	ELL-6PG560M	56	±20%	520	500	550	.68	.63	.475	.436	1,000	.291
667-ELL-6PG680M	ELL-6PG680M	68	±20%	700	420	500	.68	.63	.475	.436	1,000	.291
667-ELL-6PG820M	ELL-6PG820M	82	±20%	800	400	450	.68	.63	.475	.436	1,000	.291
667-ELL-6PG101M	ELL-6PG101M	100	±20%	1,000	380	400	.68	.63	.475	.436	1,000	.291

SMD CHOKE COILS

ELL-6RH Series

Applications:

- Video, Audio, Mobile communications, Electric battery driven equipment
- As a decoupling choke coil in DC-DC converters

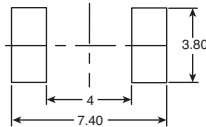


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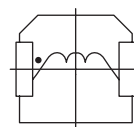
Features:

- Thin (height 2.5 mm, 3.0 mm)
- Higher reliability in mounting by separating the user terminal and internal connection
- Large current capability

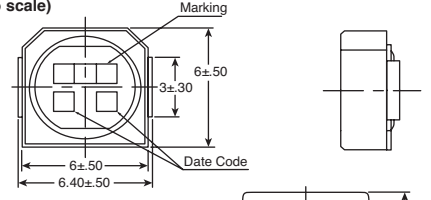
Recommended land patterns in mm (not to scale)



Connections (Top View)



DIMENSIONS: mm (not to scale)



Type	H
ELL6RH	2.5 ±.30
ELL6SH	3 ±.30
ELL6UH	5 max.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Panasonic Part No.	Value (μF)	Tolerance	DCR (mΩ)	Idc (mA max.)	Price Each				Reel Quantity	Price Each
						1	25	100	500		
667-ELL-6RH1R0M	ELL-6RH1R0M	1.0	±20%	19	3,000	.99	.918	.692	.635	1,000	.424
667-ELL-6RH1R5M	ELL-6RH1R5M	1.5	±20%	24	2,400	.99	.918	.692	.635	1,000	.424
667-ELL-6RH2R7M	ELL-6RH2R7M	2.7	±20%	39	1,800	.99	.918	.692	.635	1,000	.424
667-ELL-6RH3R3M	ELL-6RH3R3M	3.3	±20%	44	1,600	.99	.918	.692	.635	1,000	.424
667-ELL-6RH5R1M	ELL-6RH5R1M	5.1	±20%	56	1,550	.99	.918	.692	.635	1,000	.424
667-ELL-6RH6R2M	ELL-6RH6R2M	6.2	±20%	62	1,400	.99	.918	.692	.635	1,000	.424
667-ELL-6RH7R5M	ELL-6RH7R5M	7.5	±20%	80	1,250	.99	.918	.692	.635	1,000	.424
667-ELL-6RH8R2M	ELL-6RH8R2M	8.2	±20%	87	1,200	.99	.918	.692	.635	1,000	.424
667-ELL-6RH100M	ELL-6RH100M	10	±20%	95	1,100	.99	.918	.692	.635	1,000	.424
667-ELL-6RH120M	ELL-6RH120M	12	±20%	130	1,000	.99	.918	.692	.635	1,000	.424
667-ELL-6RH150M	ELL-6RH150M	15	±20%	150	850	.99	.918	.692	.635	1,000	.424
667-ELL-6RH180M	ELL-6RH180M	18	±20%	170	800	.99	.918	.692	.635	1,000	.424
667-ELL-6RH220M	ELL-6RH220M	22	±20%	220	700	.99	.918	.692	.635	1,000	.424
667-ELL-6RH270M	ELL-6RH270M	27	±20%	260	650	.99	.918	.692	.635	1,000	.424
667-ELL-6RH330M	ELL-6RH330M	33	±20%	380	600	.99	.918	.692	.635	1,000	.424
667-ELL-6RH390M	ELL-6RH390M	39	±20%	410	550	.99	.918	.692	.635	1,000	.424
667-ELL-6RH470M	ELL-6RH470M	47	±20%	480	500	.99	.918	.692	.635	1,000	.424
667-ELL-6RH560M	ELL-6RH560M	56	±20%	540	450	.99	.918	.692	.635	1,000	.424
667-ELL-6RH680M	ELL-6RH680M	68	±20%	770	400	.99	.918	.692	.635	1,000	.424
667-ELL-6RH820M	ELL-6RH820M	82	±20%	870	350	.99	.918	.692	.635	1,000	.424
667-ELL-6RH101M	ELL-6RH101M	100	±20%	1000	300	.99	.918	.692	.635	1,000	.424
667-ELL-6RH121M	ELL-6RH121M	120	±20%	1500	280	.99	.918	.692	.635	1,000	.424
667-ELL-6RH151M	ELL-6RH151M	150	±20%	1800	250	.99	.918	.692	.635	1,000	.424
667-ELL-6RH181M	ELL-6RH181M	180	±20%	2000	230	.99	.918	.692	.635	1,000	.424