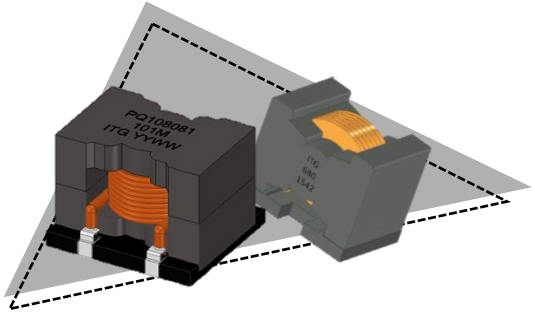
PQ108081 SERIES
DHP106095S SERIES

HIGH POWER INDUCTOR SAMPLE BOX



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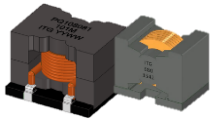

High Power Inductor
PQ108081/DHP106095S Series

- ▶PQ108081 Series inductance range: 3.3uH up to 470.0uH
- ▶DHP106095S Series inductance range: 3.3uH~86.0uH
- ▶High current output chokes, with up to 89.0 Amp with approx. 30% roll off.

PQ108081-100MHF		PQ108081-330MHF		PQ108081-500MHF		PQ108081-101MHF		PQ108081-151MHF		PQ108081-221MHF	
OCL	10.00uH ±20%	OCL	33.00uH ±20%	OCL	50.00uH ±20%	OCL	100.00uH ±20%	OCL	150.00uH ±20%	OCL	220.00uH ±20%
DCR	3.20 mΩ ±10%	DCR	8.90 mΩ ±10%	DCR	11.5 mΩ ±10%	DCR	22.0 mΩ ±15%	DCR	31.5 mΩ ±15%	DCR	41.1 mΩ ±15%
Isat	34.10 A	Isat	19.80 A	Isat	16.20 A	Isat	9.80 A	Isat	8.70 A	Isat	6.30 A
LxWxH		LxWxH		LxWxH		LxWxH		LxWxH		LxWxH	
27.94x27.94x20.0 mm		27.94x27.94x20.0 mm		27.94x27.94x20.0 mm		27.94x27.94x20.0 mm		27.94x27.94x20.0 mm		27.94x27.94x20.0 mm	

PQ108081-331MHF		PQ108081-471MHF		DHP106095S-3R3MHF		DHP106095S-4R7MHF		DHP106095S-6R8MHF		DHP106095S-8R2MHF	
OCL	330.00uH ±20%	OCL	470.00uH ±20%	OCL	3.3uH ±20%	OCL	4.7uH ±20%	OCL	6.8uH ±20%	OCL	8.2uH ±20%
DCR	56.0 mΩ ±15%	DCR	76.5 mΩ ±15%	DCR	2.2 mΩ ±10%	DCR	2.2 mΩ ±10%	DCR	2.2 mΩ ±10%	DCR	2.2 mΩ ±10%
Isat	5.30 A	Isat	4.50 A	Isat	89.0 A	Isat	65.0 A	Isat	46.0 A	Isat	39.4 A
LxWxH		LxWxH		Irms	31.0 A	Irms	31.0 A	Irms	31.0 A	Irms	31.0 A
27.94x27.94x20.0 mm		27.94x27.94x20.0 mm		LxWxH		LxWxH		LxWxH		LxWxH	
				27.00x18.40x24.10 mm		27.00x18.40x24.10 mm		27.00x18.40x24.10 mm		27.00x18.40x24.10 mm	

DHP106095S-100MHF		DHP106095S-120MHF		DHP106095S-150MHF		DHP106095S-180MHF		DHP106095S-220MHF		DHP106095S-330MHF	
OCL	10.0uH ±20%	OCL	12.0uH ±20%	OCL	15.0uH ±20%	OCL	19.0uH ±20%	OCL	24.0uH ±20%	OCL	33.0uH ±20%
DCR	2.9 mΩ ±10%	DCR	2.9 mΩ ±10%	DCR	3.2 mΩ ±10%	DCR	4.2 mΩ ±10%	DCR	5.9 mΩ ±10%	DCR	8.6 mΩ ±10%
Isat	34.1 A	Isat	32.0 A	Isat	28.1 A	Isat	25.6 A	Isat	23.0 A	Isat	19.8 A
Irms	26.8 A	Irms	26.8 A	Irms	25.5 A	Irms	22.0 A	Irms	19.0 A	Irms	15.6 A
LxWxH		LxWxH		LxWxH		LxWxH		LxWxH		LxWxH	
27.00x18.40x24.10 mm		27.00x18.40x24.10 mm		27.00x18.40x24.10 mm		27.00x18.40x24.10 mm		27.00x18.40x24.10 mm		27.00x18.40x24.10 mm	

DHP106095S-390MHF		DHP106095S-470MHF		DHP106095S-500MHF		DHP106095S-560MHF		DHP106095S-680MHF		DHP106095S-860MHF	
OCL	39.0uH ±20%	OCL	44.0uH ±20%	OCL	50.0uH ±20%	OCL	56.0uH ±20%	OCL	68.0uH ±20%	OCL	86.0uH ±20%
DCR	8.6 mΩ ±10%	DCR	11.2 mΩ ±10%	DCR	11.2 mΩ ±10%	DCR	14.7 mΩ ±10%	DCR	14.7 mΩ ±10%	DCR	14.7 mΩ ±10%
Isat	18.1 A	Isat	17.4 A	Isat	16.2 A	Isat	15.2 A	Isat	12.9 A	Isat	10.5 A
Irms	15.6 A	Irms	13.7 A	Irms	13.7 A	Irms	12.0 A	Irms	12.0 A	Irms	12.0 A
LxWxH		LxWxH		LxWxH		LxWxH		LxWxH		LxWxH	
27.00x18.40x24.10 mm		27.00x18.40x24.10 mm		27.00x18.40x24.10 mm		27.00x18.40x24.10 mm		27.00x18.40x24.10		27.00x18.40x24.10 mm	