



DCM181713H SERIES
DCM282818H SERIES
DCM251515H SERIES
DCM333320H SERIES

**COMMON MODE CHOKE
SAMPLE BOX**

ITG Electronics

175 Clearbrook Road, PO Box 535, Elmsford, NY 10523, USA

Tel: +1 (914) 347-2474 Fax: +1 (914) 347-7230

Email: sales@ITG-Electronics.com Web: www.ITG-Electronics.com



Common Mode Choke

DCM181713/DCM282818/ DCM251515/DCM333320 Series

- ▶ DCM181713H Series inductance range: 0.70mH~39.0mH
- ▶ DCM282818H Series inductance range: 2.2mH~25.0mH
- ▶ DCM251515H Series inductance range: 10.0mH~100.0mH
- ▶ DCM333320H Series inductance range: 1.8mH~27.0mH

DCM181713H-701NHF		DCM181713H-102NHF		DCM181713H-222NHF		DCM181713H-332NHF		DCM181713H-682NHF		DCM181713H-103NHF	
OCL	0.7mH ±30%	OCL	1.0mH ±30%	OCL	2.2μH ±30%	OCL	3.3mH ±30%	OCL	6.8mH ±30%	OCL	10.0mH ±30%
DCR	0.027 Ω Max.	DCR	0.055 Ω Max.	DCR	0.090 Ω Max.	DCR	0.140 Ω Max.	DCR	0.280 Ω Max.	DCR	0.500 Ω Max.
Irate	5.0 A Max.	Irate	2.50 A Max.	Irate	2.0 A Max.	Irate	1.50 A Max.	Irate	1.20 A Max.	Irate	0.70 A Max.
LxWxH		LxWxH		LxWxH		LxWxH		LxWxH		LxWxH	
18.0x17.5x13.0 mm		18.0x17.5x13.0 mm		18.0x17.5x13.0 mm		18.0x17.5x13.0 mm		18.0x17.5x13.0 mm		18.0x17.5x13.0 mm	
DCM181713H-153NHF		DCM181713H-273NHF		DCM181713H-393NHF		DCM282818H-222NHF		DCM282818H-332NHF		DCM282818H-502NHF	
OCL	15.0mH ±30%	OCL	27.0mH ±30%	OCL	39.0mH ±30%	OCL	2.2mH ±30%	OCL	3.3mH ±30%	OCL	5.0mH ±30%
DCR	0.78 Ω Max.	DCR	1.20 Ω Max.	DCR	1.70 Ω Max.	DCR	0.034 Ω Max.	DCR	0.055 Ω Max.	DCR	0.085 Ω Max.
Irate	0.50 A Max.	Irate	0.40 A Max.	Irate	0.30 A Max.	Irate	6.0 A Max.	Irate	5.0 A Max.	Irate	4.0 A Max.
LxWxH		LxWxH		LxWxH		LxWxH		LxWxH		LxWxH	
18.0x17.5x13.0 mm		18.0x17.5x13.0 mm		18.0x17.5x13.0 mm		28.00x28.00x18.00 mm		28.00x28.00x18.00 mm		28.00x28.00x18.00 mm	
DCM282818H-103NHF		DCM282818H-203NHF		DCM282818H-253NHF		DCM251515H-103HF		DCM251515H-153HF		DCM251515H-273HF	
OCL	10.0mH ±30%	OCL	20.0mH ±30%	OCL	25.0mH ±30%	OCL	10.0mH+50%-30%	OCL	15.0mH+50%-30%	OCL	27.0mH+50%-30%
DCR	0.170 Ω Max.	DCR	0.30 Ω Max.	DCR	0.430 Ω Max.	DCR	260 mΩ Typ.	DCR	430 mΩ Typ.	DCR	770 mΩ Typ.
Irate	2.50 A Max.	Irate	2.0 A Max.	Irate	1.50 A Max.	Irate	1.60 A Max.	Irate	1.30 A Max.	Irate	0.90 A Max.
LxWxH		LxWxH		LxWxH		LxWxH		LxWxH		LxWxH	
28.00x28.00x18.00 mm		28.00x28.00x18.00 mm		28.00x28.00x18.00 mm		24.50x15.50x14.0 mm		24.50x15.50x14.0 mm		24.50x15.50x14.0 mm	
DCM251515H-393HF		DCM251515H-473HF		DCM251515H-683HF		DCM252515H-104HF		DCM333320H-103NHF		DCM333320H-273NHF	
OCL	39.0mH+50%-30%	OCL	47.0mH+50%-30%	OCL	68.0mH+50%-30%	OCL	100.0mH+50%-30%	OCL	10.0mH ±30%	OCL	27.0mH ±30%
DCR	1100 mΩ Typ.	DCR	1260 mΩ Typ.	DCR	1970 mΩ Typ.	DCR	2760 mΩ Typ.	DCR	0.155 Ω Max.	DCR	0.40 Ω Max.
Irate	0.80 A Max.	Irate	0.70 A Max.	Irate	0.60 A Max.	Irate	0.45 A Max.	Irate	3.0 A Max.	Irate	1.60 A Max.
LxWxH		LxWxH		LxWxH		LxWxH		LxWxH		LxWxH	
24.50x15.50x14.0 mm		24.50x15.50x14.0 mm		24.50x15.50x14.0 mm		24.50x15.50x14.0 mm		33.50x33.50x20.50 mm		33.50x33.50x20.50 mm	