





# 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

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