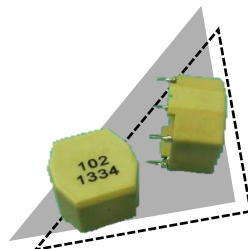


**C20880 SERIES**  
**C20881 SERIES**  
**C20882 SERIES**  
**DCM232315H SERIES**

**COMMON MODE CHOKE**  
**SAMPLE BOX**

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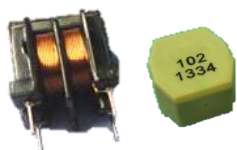


# **ITG Electronics**

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# Common Mode Choke C20880/C20881/C20882/ DCM232315H Series

- ▶ C20880 Series inductance range: 0.47mH~10mH
- ▶ C20881 Series inductance range: 3.3mH~51mH
- ▶ C20882 Series inductance range: 1.5mH~30mH
- ▶ DCM232315H Series inductance range: 1.0mH~20.0mH

C20880-01		C20880-02		C20880-03		C20880-04		C20880-05		C20880-06	
<b>OCL</b>	0.470mH Min.	<b>OCL</b>	0.680mH Min.	<b>OCL</b>	1.000mH Min.	<b>OCL</b>	2.200mH Min.	<b>OCL</b>	3.900mH Min.	<b>OCL</b>	4.700mH Min.
<b>DCR</b>	0.150 Ω Max.	<b>DCR</b>	0.250 Ω Max.	<b>DCR</b>	0.350 Ω Max.	<b>DCR</b>	0.700 Ω Max.	<b>DCR</b>	1.200 Ω Max.	<b>DCR</b>	1.600 Ω Max.
<b>Irate</b>	1.000 A Max.	<b>Irate</b>	0.850 A Max.	<b>Irate</b>	0.700 A Max.	<b>Irate</b>	0.500 A Max.	<b>Irate</b>	0.380 A Max.	<b>Irate</b>	0.340 A Max.
<b>LxWxH</b>		<b>LxWxH</b>		<b>LxWxH</b>		<b>LxWxH</b>		<b>LxWxH</b>		<b>LxWxH</b>	
	16.50x11.00x16.50 mm		16.50x11.00x16.50 mm		16.50x11.00x16.50 mm		16.50x11.00x16.50 mm		16.50x11.00x16.50 mm		16.50x11.00x16.50 mm
C20880-07		C20880-08		C20881-01		C20881-02		C20881-03		C20881-04	
<b>OCL</b>	6.800mH Min.	<b>OCL</b>	10.000mH Min.	<b>OCL</b>	3.300mH Min.	<b>OCL</b>	6.800mH Min.	<b>OCL</b>	12.000mH Min.	<b>OCL</b>	22.000mH Min.
<b>DCR</b>	2.500 Ω Max.	<b>DCR</b>	4.000 Ω Max.	<b>DCR</b>	0.710 Ω Max.	<b>DCR</b>	1.260 Ω Max.	<b>DCR</b>	2.200 Ω Max.	<b>DCR</b>	3.640 Ω Max.
<b>Irate</b>	0.250 A Max.	<b>Irate</b>	0.200 A Max.	<b>Irate</b>	0.650 A Max.	<b>Irate</b>	0.430 A Max.	<b>Irate</b>	0.340 A Max.	<b>Irate</b>	0.250 A Max.
<b>LxWxH</b>		<b>LxWxH</b>		<b>LxWxH</b>		<b>LxWxH</b>		<b>LxWxH</b>		<b>LxWxH</b>	
	16.50x11.00x16.50 mm		16.50x11.00x16.50 mm		18.50x17.00x23.00 mm		18.50x17.00x23.00 mm		18.50x17.00x23.00 mm		18.50x17.00x23.00 mm
C20881-05		C20881-06		C20882-01		C20882-02		C20882-03		C20882-04	
<b>OCL</b>	33.000mH Min.	<b>OCL</b>	51.000mH Min.	<b>OCL</b>	1.500mH Min.	<b>OCL</b>	4.000mH Min.	<b>OCL</b>	8.000mH Min.	<b>OCL</b>	20.000mH Min.
<b>DCR</b>	5.740 Ω Max.	<b>DCR</b>	9.120 Ω Max.	<b>DCR</b>	0.125 Ω Max.	<b>DCR</b>	0.270 Ω Max.	<b>DCR</b>	0.460 Ω Max.	<b>DCR</b>	1.600 Ω Max.
<b>Irate</b>	0.20 A Max.	<b>Irate</b>	0.15 A Max.	<b>Irate</b>	1.90 A Max.	<b>Irate</b>	1.20 A Max.	<b>Irate</b>	0.90 A Max.	<b>Irate</b>	0.50 A Max.
<b>LxWxH</b>		<b>LxWxH</b>		<b>LxWxH</b>		<b>LxWxH</b>		<b>LxWxH</b>		<b>LxWxH</b>	
	18.50x17.00x23.00 mm		18.50x17.00x23.00 mm		22.50x19.00x27.50 mm		22.50x19.00x27.50 mm		22.50x19.00x27.50 mm		22.50x19.00x27.50 mm
C20882-05		DCM232315H-102NHF		DCM232315H-222NHF		DCM232315H-332NHF		DCM232315H-103NHF		DCM232315H-203NHF	
<b>OCL</b>	30.000mH Min.	<b>OCL</b>	1.0mH ±30%	<b>OCL</b>	2.2mH ±30%	<b>OCL</b>	3.3mH ±30%	<b>OCL</b>	10.0mH ±30%	<b>OCL</b>	20.0mH ±30%
<b>DCR</b>	2.500 Ω Max.	<b>DCR</b>	0.035 Ω Max.	<b>DCR</b>	0.065 Ω Max.	<b>DCR</b>	0.120 Ω Max.	<b>DCR</b>	0.260 Ω Max.	<b>DCR</b>	0.520 Ω Max.
<b>Irate</b>	0.4 A Max.	<b>Irate</b>	5.0 A Max.	<b>Irate</b>	3.0 A Max.	<b>Irate</b>	2.0 A Max.	<b>Irate</b>	1.5 A Max.	<b>Irate</b>	0.7 A Max.
<b>LxWxH</b>		<b>LxWxH</b>		<b>LxWxH</b>		<b>LxWxH</b>		<b>LxWxH</b>		<b>LxWxH</b>	
	22.50x19.00x27.50 mm		23.00x23.00x15.50 mm		23.00x23.00x15.50 mm		23.00x23.00x15.50 mm		23.00x23.00x15.50 mm		23.00x23.00x15.50 mm