

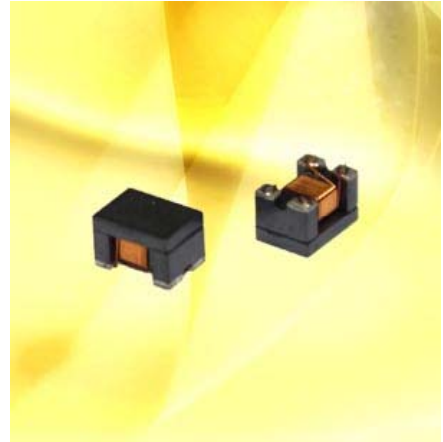
SPECIFICATION OF WCM-□□□□AUTO SERIES

AEC-Q200



FEATURES

- Wire-wound common mode choke coil
- Common mode filters for automotive Ethernet 1000BASE-T1 (WCM-3225AUTO-800YT)
- Common mode EMC Solution
- Compatible with RoHS Directive and AEC-Q200
- Compatible with Automotive required operating temperature -40 to +125°C



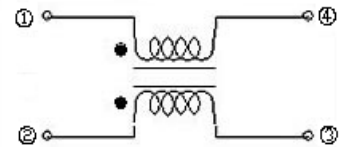
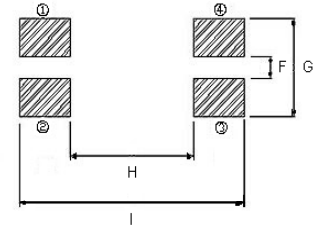
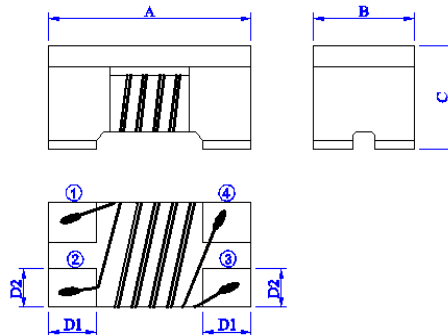
APPLICATIONS

Preventive measure against high speed transmission signal for FlexRay, CAN/CAN-FD, Ethernet system

ORDERING CODE

WCM-3225AUTO-110 Y T
 (1) (2) (3) (4) (5)

- (1) PRODUCT TYPE CODE
- (2) PRODUCT SIZE & DESIGN CODE
- (3) INDUCTANCE CODE
- (4) TOLERANCE
- (5) TAPING CODE



APPEARANCE & DIMENSIONS

UNIT:mm (inch)

SIZE CODE	A	B	C	D1 TYP	D2 TYP	F TYP	G TYP	H TYP	I TYP		
WCM-3225AUTO	3.30±0.20	2.60±0.20	2.40±0.20	0.50	0.90	0.60	3.50	1.60	4.00		
(1210)	(0.13±0.008)	(0.102±0.008)	(0.094±0.008)	(0.019)	(0.035)	(0.024)	(0.138)	(0.063)	(0.157)		
WCM-4532AUTO	4.50±0.20	3.20±0.20	2.80+0.35(-0.2)	1.00	1.20	0.40	3.60	2.10	4.90		
(1812)	(0.177±0.008)	(0.126±0.008)	(0.110±0.008)	(0.039)	(0.039)	(0.016)	(0.141)	(0.082)	(0.192)		

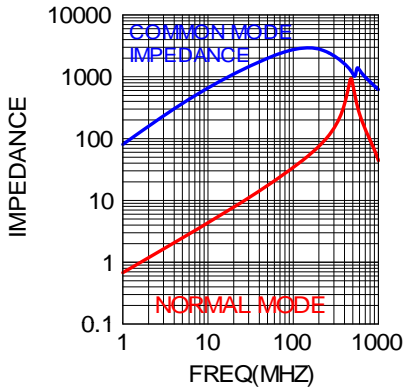
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COMMON MODE CHOKE → WCM-3225AUTO SERIES

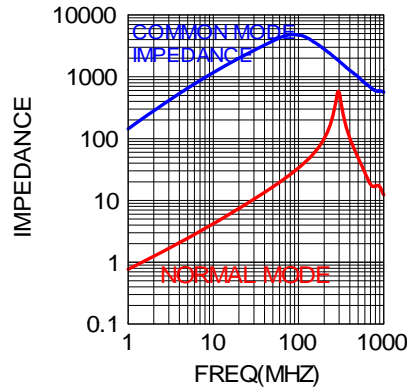
ELECTRICAL CHARACTERISTICS

ORDERING CODE	INDUCTANCE	IMPEDANCE	DC Resistance	IDC	Rated Voltage	Insulation Resistance
	(μ H)	(Ω)min	(Ω)			
	100KHz/100mV	10MHz/100mV	max		V	(m Ω)
				max	(DC)	min
WCM-3225AUTO-110YT	11+50(-30)%	300	0.4	300	80	10
WCM-3225AUTO-220YT	22+50(-30)%	500	0.5	250	80	10
WCM-3225AUTO-510YT	51+50(-30)%	1000	0.7	200	80	10
WCM-3225AUTO-800YT	80+50(-30)%	1800	1.5	200	80	10
WCM-3225AUTO-101YT	100+50(-30)%	2200	1.9	150	80	10
WCM-3225AUTO-201YT	200+50(-30)%	4000	4.0	100	80	10

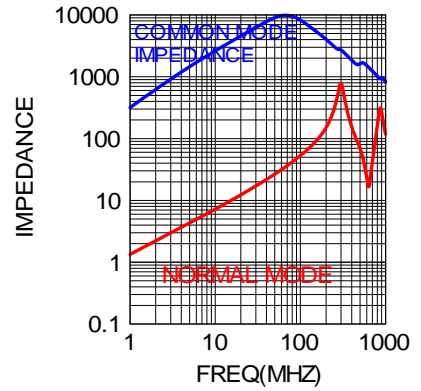
WCM-3225AUTO-110YT



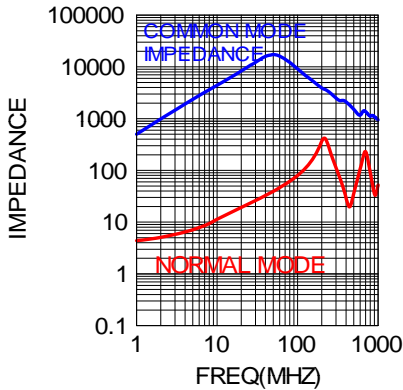
WCM-3225AUTO-220YT



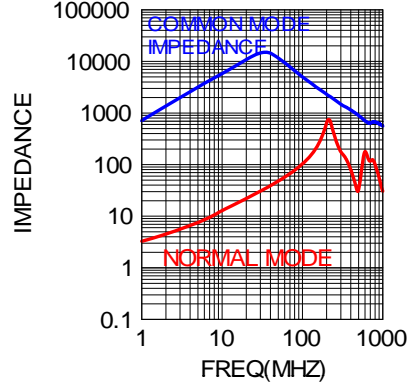
WCM-3225AUTO-510YT



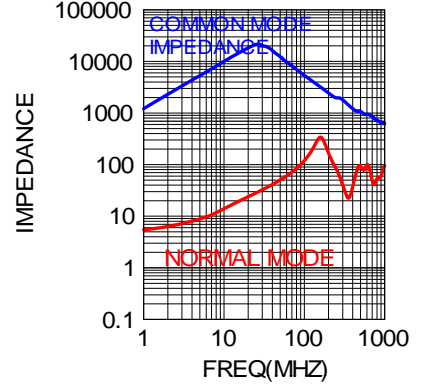
WCM-3225AUTO-800YT



WCM-3225AUTO-101YT



WCM-3225AUTO-201YT



※IDC: Based on Temperature increase 40°C

※Operating temperature range : -40 to +125°C (including self-generated heat)

* Design as Customer's Requested Specifications.

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