

SMD MULTILAYER COMMON MODE CHIP BEADS / WCM TYPE

FEATURES

Powerful components with composite co-fired material to solve EMI problem for high speed differential signal transmission line as USB, and LVDS without distortion to high speed signal transmission.

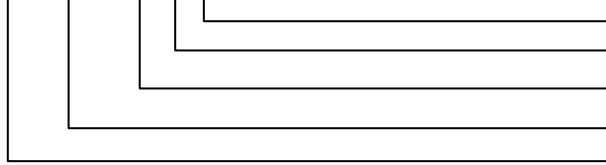


APPLICATIONS

MIPI, MHL serial interface in mobile device.

ORDERING CODE

WCM 3216 - 900 Y-N



Note: lead-free
Tolerance (Y:±25%)
Impedance
Dimension
Product Symbol

SHAPES

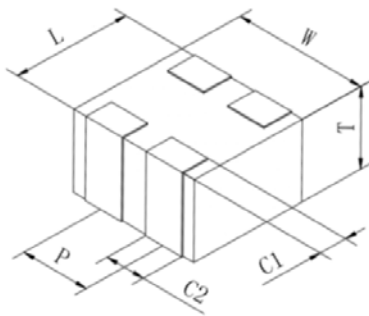


FIG. 1

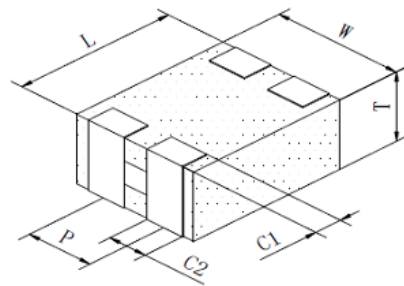


FIG. 2

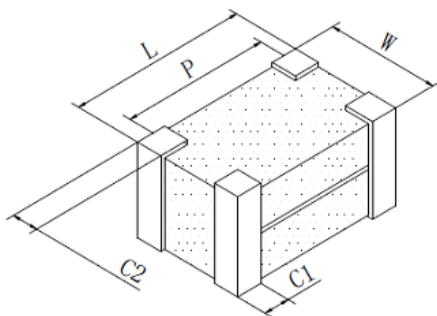


FIG. 3

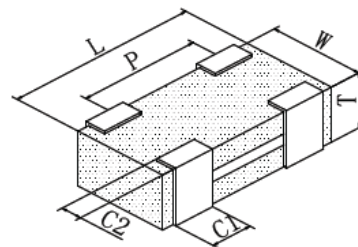


FIG. 4

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DIMENSIONS (UNIT: mm)

Part No.	FIG.	L (± 0.2)	W (± 0.2)	T (± 0.1)	P (± 0.2)	C1 (Ref.)	C2 (Ref.)
WCM 0608	1	0.65	0.85	0.45	0.5	0.1	0.27
WCM 1210	2	1.25	1.00	0.60	0.5	0.3	0.20
WCM 2012	3	2.00	1.25	1.00	1.6	0.4	0.30
WCM 3216	4	3.20	1.60	1.00	2.1	0.7	0.30

ELECTRICAL CHARACTERISTICS FOR WCM

Part No.	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) Max	Rated Current (mA)Max
WCM 0608-650Y-N	65	100MHz	2.5	130
WCM 0608-900Y-N	90	100MHz	2.5	130
WCM 1210-360Y-N	36	100MHz	0.5	300
WCM 1210-670Y-N	67	100MHz	0.5	300
WCM 1210-900Y-N	90	100MHz	0.6	300
WCM 1210-121Y-N	120	100MHz	0.6	300
WCM 2012-670Y-N	67	100MHz	0.4	400
WCM 2012-900Y-N	90	100MHz	0.4	400
WCM 2012-121Y-N	120	100MHz	0.4	400
WCM 2012-161Y-N	160	100MHz	0.5	400
WCM 2012-181Y-N	180	100MHz	0.5	400
WCM 2012-221Y-N	220	100MHz	0.5	400
WCM 3216-900Y-N	90	100MHz	0.5	500
WCM 3216-121Y-N	120	100MHz	0.5	500

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