

MURATA Common Mode Choke Coils



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Inductors

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PLA10 SERIES

Features:

- Compact and lightweight
- Low profile in vertical core layout
- Both a standard winding type and a sectional winding for higher frequency noise is available

Specifications:

- Operating Temperature Range: -25°C to 60°C



* Safety standards: EN60065

MOUSER STOCK NO.		Fig.	Common Mode Inductance (min.) (mH)	Rated Voltage (V)	Rated Current (A)	Insulation Resistance (min.) (M ohm)	Price Each		
Mfr.	Mfr. Part No.						1	10	25
Standard Winding									
81	PLA10AN1522R0R2B	A	1.5	300	2.0	100	1.57	1.53	1.48
81	PLA10AN2221R5R2B	A	2.2	300	1.5	100	1.57	1.53	1.48
81	PLA10AN3021R3R2B	A	3.0	300	1.3	100	1.57	1.53	1.48
81	PLA10AN3521R2R2B	A	3.5	300	1.2	100	1.57	1.53	1.48
81	PLA10AN5521R0R2B	A	5.5	300	1.0	100	1.57	1.53	1.48
81	PLA10AN7420R8R2B	A	7.4	300	0.8	100	1.57	1.53	1.48
81	PLA10AN1030R7R2B	A	10.0	300	0.7	100	1.57	1.53	1.48
81	PLA10AN2030R5R2B	A	20.0	300	0.5	100	1.57	1.53	1.48
81	PLA10AN3030R4R2B	A	30.0	300	0.4	100	1.57	1.53	1.48
81	PLA10AN4330R3R2B	A	43.0	300	0.3	100	1.57	1.53	1.48
*	81-PLA10AS1522R0R2B	A	1.5	250	2.0	100	1.57	1.53	1.48
*	81-PLA10AS1821R7R2B	A	1.8	250	1.7	100	1.57	1.53	1.48
*	81-PLA10AS1030R7R2B	A	10.0	250	0.7	100	1.57	1.53	1.48
*	81-PLA10AS1230R6R2B	A	12.0	250	0.6	100	1.57	1.53	1.48
*	81-PLA10AS3030R4R2B	A	30.0	250	0.4	100	1.57	1.53	1.48
Sectional Winding									
81	PLA10AN9012R0D2B	B	0.9	300	2.0	100	1.57	1.53	1.48
81	PLA10AN1321R7D2B	B	1.3	300	1.7	100	1.57	1.53	1.48
81	PLA10AN1821R5D2B	B	1.8	300	1.5	100	1.57	1.53	1.48
81	PLA10AN3621R0D2B	B	3.6	300	1.0	100	1.57	1.53	1.48
81	PLA10AN7720R7D2B	B	7.7	300	0.7	100	1.57	1.53	1.48
81	PLA10AN1330R5D2B	B	13.0	300	0.5	100	1.57	1.53	1.48
81	PLA10AN2230R4D2B	B	22.0	300	0.4	100	1.57	1.53	1.48
81	PLA10AN3630R3D2B	B	36.0	300	0.3	100	1.57	1.53	1.48

PLH10 SERIES

Features:

- High performance in high frequency range
- Low profile in vertical core layout
- Compact and lightweight

Specifications:

- Operating Temperature Range: -25°C to 60°C



* Safety standards: EN60065

MOUSER STOCK NO.		Fig.	Common Mode Inductance (min.) (mH)	Rated Voltage (V)	Rated Current (A)	Insulation Resistance (min.) (M ohm)	Price Each		
Mfr.	Mfr. Part No.						1	10	25
81	PLH10AN7003R6P2B	A	70	300	3.6	100	1.57	1.53	1.48
81	PLH10AN1612R1P2B	A	160	300	2.1	100	1.57	1.53	1.48
81	PLH10AN2211R5P2B	A	220	300	1.5	100	1.57	1.53	1.48
81	PLH10AN2911R2P2B	A	290	300	1.2	100	1.57	1.53	1.48
81	PLH10AN3711R0P2B	A	370	300	1.0	100	1.57	1.53	1.48
*	81-PLH10AS7003R6P2B	A	70	250	3.6	100	1.57	1.53	1.48
*	81-PLH10AS1612R1P2B	A	160	250	2.1	100	1.57	1.53	1.48
*	81-PLH10AS2211R5P2B	A	220	250	1.5	100	1.57	1.53	1.48

PLY10 SERIES HYBRID CHOKE COIL

Features:

- PLY10 has both functions of a common mode choke coil and a differential mode choke coil in its compact body
- Low profile in vertical core layout
- PHY10 has the same pin layout as a general common mode choke coil which enables it to replace conventional components

Specifications:

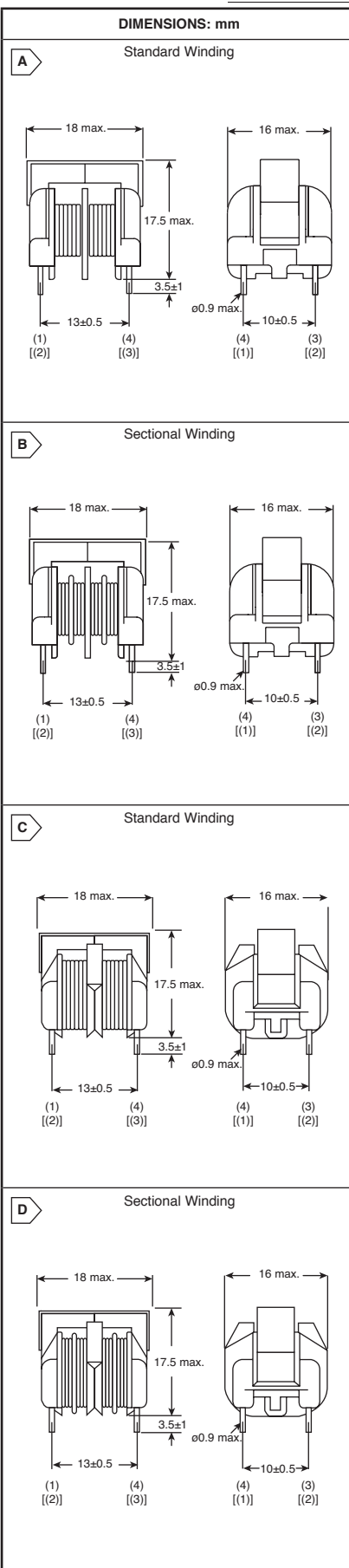
- Operating Temperature Range: -25°C to 60°C



* Safety standards: EN60065

MOUSER STOCK NO.		Fig.	Common Mode Inductance (min.) (mH)	Rated Voltage (V)	Rated Current (A)	Insulation Resistance (min.) (M ohm)	Price Each		
Mfr.	Mfr. Part No.						1	10	25
Standard Winding									
81	PLY10AN1121R8R2B	C	1.1	1.8	90	300	2.93	2.84	2.74
81	PLY10AN1521R6R2B	C	1.5	1.6	110	300	2.93	2.84	2.74
81	PLY10AN1430R5R2B	C	14.0	1000	0.5	300	2.93	2.84	2.74
*	81-PLY10AS1430R5R2B	C	14.0	0.5	1000	300	2.93	2.84	2.74
*	81-PLY10AS6220R8R2B	C	6.2	0.8	400	300	2.93	2.84	2.74
Sectional Winding									
81	PLY10AN7012R0D2B	D	0.7	2.0	50	300	2.93	2.84	2.57
81	PLY10AN1121R7D2B	D	1.1	1.7	65	300	2.93	2.84	2.74
81	PLY10AN1421R4D2B	D	1.4	1.4	110	300	2.93	2.84	2.74
81	PLY10AN2321R2D2B	D	2.3	1.2	160	300	2.93	2.84	2.74
81	PLY10AN8720R7D2B	D	8.7	0.7	500	300	2.93	2.84	2.74
*	81-PLY10AS1421R4D2B	D	1.4	1.4	110	300	2.93	2.84	2.74
*	81-PLY10AS8720R7D2B	D	8.7	0.7	500	300	2.93	2.84	2.74

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