

Murata PLY10AS alternatives

Safety Standard certified: EN 60065(VDE 0860)/ EN 62368-1(VDE 861-1)

Dual functions: common mode choke and a differential mode choke coil



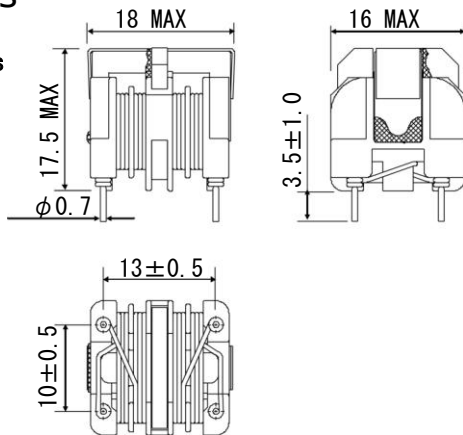
SxRx Through Hole Common Mode Choke 2A DCR Sectional Winding



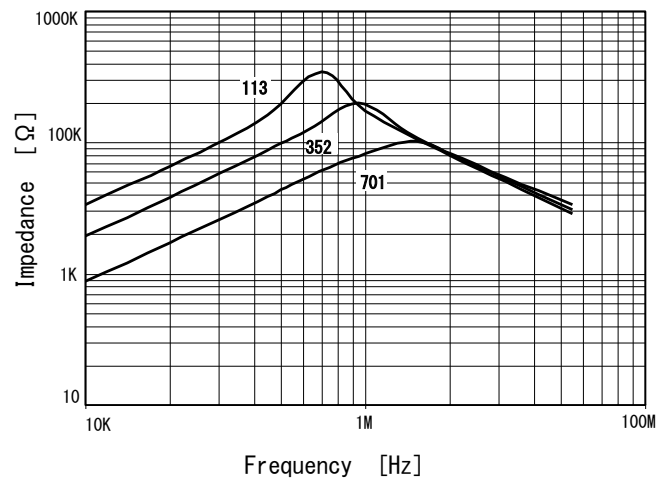
Murata	>	Alternative	INDUCTANCE [mH] MIN	Normal Inductance [μH] TYP	RATED CURRENT [Arms] MAX	DC RESISTANCE [Ω] MAX
			Murata / alternative	Murata / alternative	Murata / alternative	Murata / alternative
PLY10AS1130R5D2B	>	S0R5A113TUHB10.5S	11 / 11	877	0.5 / 0.5	2.7 / 1.58
PLY10AS9720R6D2B	>	S0R6A972TUHB10.5S	9.7 / 9.7	735	0.6 / 0.6	2.00 / 1.32
PLY10AS8720R7D2B	>	S0R7A872TUHB10.5S	8.7 / 8.7	580	0.7 / 0.7	1.10 / 0.98
PLY10AS4420R8D2B	>	S0R8A442TUHB10.5S	4.4 / 4.4	328	0.8 / 0.8	0.90 / 0.62
PLY10AS3521R0D2B	>	S1R0A352TUHB10.5S	3.5 / 3.5	232	1.0 / 1.0	0.70 / 0.422
PLY10AS2321R2D2B	>	S1R2A232TUHB10.5S	2.3 / 2.3	150	1.2 / 1.2	0.50 / 0.27
PLY10AS1421R4D2B	>	S1R4A142TUHB10.5S	1.4 / 1.4	113	1.4 / 1.4	0.43 / 0.21
PLY10AS1121R7D2B	>	S1R7A112TUHB10.5S	1.1 / 1.1	68	1.7 / 1.7	0.25 / 0.13
PLY10AS7012R0D2B	>	S2R0A701TUHB10.5S	0.7 / 0.7	56	2.0 / 2.0	0.18 / 0.10

Dimensions

TUHB-10.5S series



Impedance vs. frequency



Rating

Item	Specification
Rated Voltage	250V(AC)
Withstand Voltage (between coils)	2000 V(AC)(1minute) or 2400 V(AC)(1second)
Insulation Resistance(between coils : 500VDC)	100 MΩ min.
Winding Temperature rise	60 °C max. (with Rated Current)
Operating Temperature Range	-25 to +60 °C
Storage Temperature Range	-25 to +85 °C
Safety Standard	EN 60065