

COMMON MODE CHOKES FOR TELECOM APPLICATIONS

- DESIGNED FOR 4-WIRE LINKS, SUCH AS ISDN-S/T AND T1 / E1 / CEPT
- HIGH FREQUENCY CHOKES FOR EMI REDUCTION
- LOW FREQUENCY CHOKES IMPROVE LONGITUDINAL BALANCE IN ISDN-S/T LINKS
- SURFACE MOUNT MODELS AVAILABLE
- CUSTOM VARIATIONS WELCOME

ELECTRICAL SPECIFICATIONS @ 25° C

Part Number	OCL	L _L sec (μH MAX)	Cw/w (pF MAX)	DCR (w MAX)	Isolation (Vrms MIN)
Low Frequency					
XF0063-01	6.0 mH MIN	35	20	1.40	1,500
XF0013-01	1.0 mH MIN	10	10	0.70	1,500
XF0053-01	4.7 mH ± 30%	1	50	1.00	500
High Frequency					
XF0246-00	24.0 μH MIN	.20	15	0.30	500
XF0086-00	8.0 μH MIN	.20	10	0.25	500
XF0406-00	18.0 μH MIN	.20	20	0.25	500

COMMON MODE ATTENUATION (db TYPICAL, 100 OHM SYSTEM)

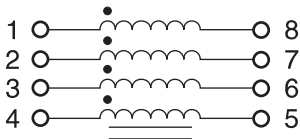
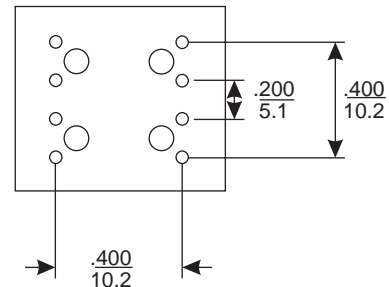
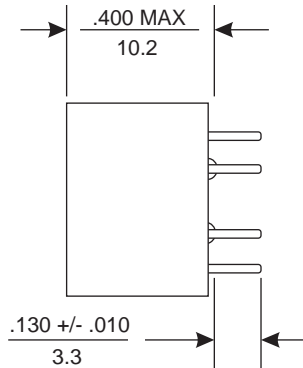
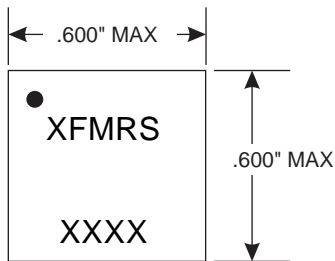
FREQUENCY	100KHz	1.0MHz	10.0MHz	30.0MHz	50.0MHz	100.0MHz
Part Number						
XF0063-01	40	40	26	16	10	—
XF0013-01	20	30	30	25	20	—
XF0053-01	25	40	20	15	10	—
XF0246-00	—	5	20	20	20	20
XF0086-00	—	5	15	20	15	15
XF0406-00	—	25	20	20	20	20

DIMENSIONS: SEE FOLLOWING PAGE

SCHEMATICS: SEE FOLLOWING PAGE

COMMON MODE CHOKES FOR TELECOM APPLICATIONS MECHANICAL DIMENSIONS

XF0063-01, XF0013-01, XF0053-01



XF0246-00, XF0086-00, XF0406-00

