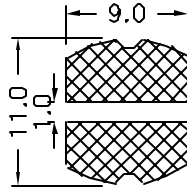
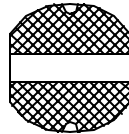
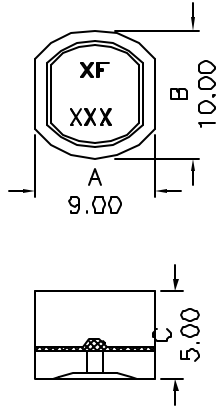


## XFSDR105SH SERIES INDUCTORS

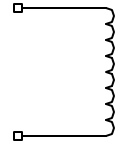
- \* LOW PROFILE SMD TYPE FOR HIGH CURRENT APPLICATION
- \* TAPE AND REEL PACKAGING FOR HIGH VOLUME MANUFACTURING  
600 PCS PER 13" REEL
- \* FOR DC/DC CONVERTERS, DC/AC INVERTERS, VRM APPLICATIONS
- \* TEMP. RISE; 30°C TYPICAL ABOVE 60°C AMBIENT
- \* OPERATING TEMP.: -20°C TO +90°C

### Mechanical Dimensions:



PAD LAYOUT

### Schematic:



TOLERANCE:  
.xx ±0.25

Dimensions in mm

Part Number	INDUCTANCE uH (±20%)	Test Frequency (Hz)	Resistance DCR Ohms Max	Rated Current IDC Max (A)	Marking
XFSDR105SH-100	10.0	1K	0.060	2.53	100
XFSDR105SH-120	12.0	1K	0.060	2.31	120
XFSDR105SH-150	15.0	1K	0.070	2.06	150
XFSDR105SH-180	18.0	1K	0.080	1.89	180
XFSDR105SH-220	22.0	1K	0.090	1.71	220
XFSDR105SH-270	27.0	1K	0.110	1.54	270
XFSDR105SH-330	33.0	1K	0.120	1.39	330
XFSDR105SH-390	39.0	1K	0.160	1.28	390
XFSDR105SH-470	47.0	1K	0.180	1.17	470
XFSDR105SH-560	56.0	1K	0.190	1.07	560
XFSDR105SH-680	68.0	1K	0.220	0.97	680
XFSDR105SH-820	82.0	1K	0.280	0.88	820
XFSDR105SH-101	100	1K	0.350	0.80	101
XFSDR105SH-121	120	1K	0.380	0.73	121
XFSDR105SH-151	150	1K	0.450	0.65	151
XFSDR105SH-181	180	1K	0.620	0.60	181
XFSDR105SH-221	220	1K	0.690	0.54	221
XFSDR105SH-271	270	1K	0.780	0.49	271
XFSDR105SH-331	330	1K	1.030	0.44	331
XFSDR105SH-391	390	1K	1.180	0.41	391
XFSDR105SH-471	470	1K	1.600	0.37	471

TEST CONDITION: 1.0KHz, 1.0V