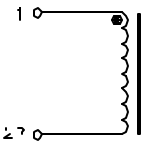
XFMRS

DWN.: 李小锋 CHK.: 廖玉坤 APP.: J Ng
DATE: Oct-01-04 DATE: Oct-01-04 DATE: Oct-01-04

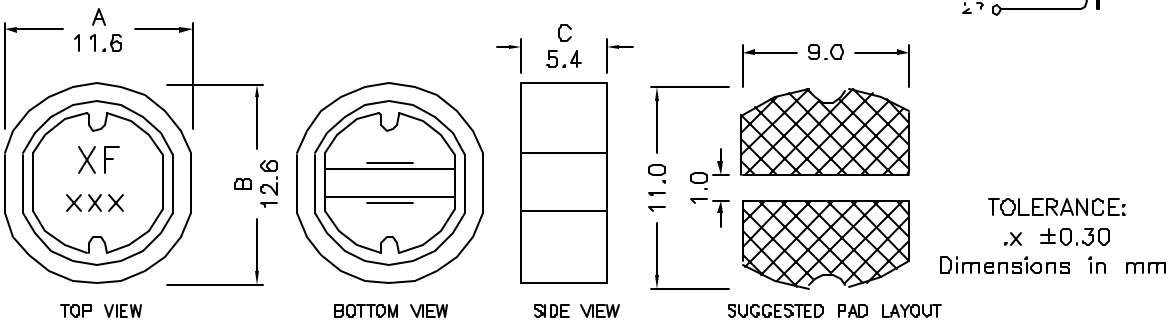
XFSDR125SH SERIES INDUCTORS

* 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

Schematic:



Mechanical Dimensions:



TOLERANCE:
.x ±0.30
Dimensions in mm

Part Number	INDUCTANCE uH (±20%)	Test Frequency (Hz)	Resistance DCR Ohm Max	Rated Current IDC Max (A)	Marking
XFSDR125SH−100	10.0	1K	0.060	2.65	100
XFSDR125SH−120	12.0	1K	0.060	2.50	120
XFSDR125SH−150	15.0	1K	0.072	2.45	150
XFSDR125SH−180	18.0	1K	0.072	2.40	180
XFSDR125SH−220	22.0	1K	0.084	2.20	220
XFSDR125SH−270	27.0	1K	0.096	2.00	270
XFSDR125SH−330	33.0	1K	0.120	1.80	330
XFSDR125SH−390	39.0	1K	0.132	1.65	390
XFSDR125SH−470	47.0	1K	0.144	1.50	470
XFSDR125SH−560	56.0	1K	0.180	1.38	560
XFSDR125SH−680	68.0	1K	0.204	1.26	680
XFSDR125SH−820	82.0	1K	0.240	1.14	820
XFSDR125SH−101	100	1K	0.300	1.05	101
XFSDR125SH−121	120	1K	0.336	0.95	121
XFSDR125SH−151	150	1K	0.480	0.85	151
XFSDR125SH−181	180	1K	0.576	0.77	181
XFSDR125SH−221	220	1K	0.624	0.70	221
XFSDR125SH−271	270	1K	0.840	0.63	271
XFSDR125SH−331	330	1K	0.840	0.57	331
XFSDR125SH−391	390	1K	1.296	0.52	391
XFSDR125SH−471	470	1K	1.440	0.48	471
XFSDR125SH−561	560	1K	1.608	0.44	561
XFSDR125SH−681	680	1K	2.136	0.40	681
XFSDR125SH−821	820	1K	2.400	0.36	821

OCL TEST: 1KHz, 1V