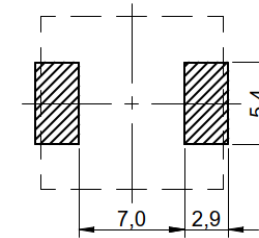
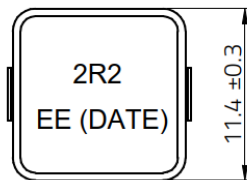
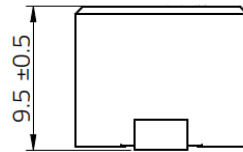
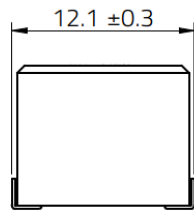
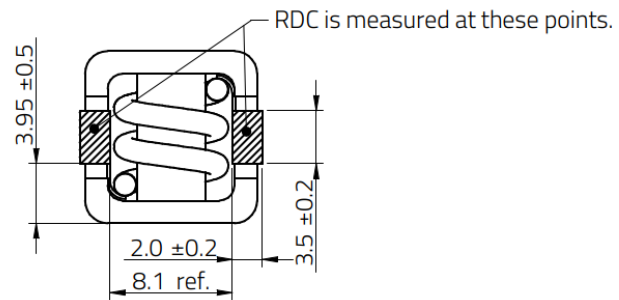


		REVISIONS													
		REV.	DESCRIPTION	ECN NO.	DATE										
		Pre-01	FIRST RELEASE	N/A	02/14/25										
		TITLE													
		INDUCTOR ,SMD ,2.2uH													
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		INCH	mm	ANGLE											
		.XXX ± .005	.XX ± .13	X.X ± 0.3											
		.XX ± .02	.X ± .5	X. ± 1											
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Q.A.	02/14/25														
		SCALE	PAGE	OF											
		DO NOT SCALE	1	3											



RECOMMENDED LAND PATTERN

1. Dimensions are specified in mm.
2. Unless otherwise specified, all tolerances are ± 0.25 mm.
3. "(DATE)" includes at least the manufacturing date code (in YYWW format)



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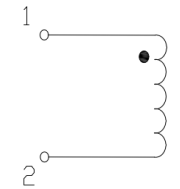
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3

ELECTRICAL SPECIFICATION @25°C

PARAMETERS	UNIT	LIMIT
INDUCTANCE @100kHz,0.1V	uH	2.2±20%
DCR	mΩ	4.3 Max.
Rated Current,IR	A	22.4
Saturation Current,Isat1	A	20.9
Saturation Current,Isat2	A	44
Self Resonant Frequency	MHz	70 Typ



SCHEMATIC

4. The saturation current Isat1, is the current at which the inductance of the component drops by 10 % typical at an ambient temperature of 25°C.
The saturation current Isat2, is the current at which the inductance of the component drops by 30 % typical at an ambient temperature of 25°C.
5. The Rated current, IR, is the current required to raise the component temperature by approximately 40°C at an ambient temperature.
6. Operating temperature range:- 40 to +125°C.



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