
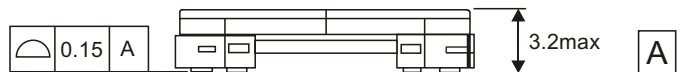
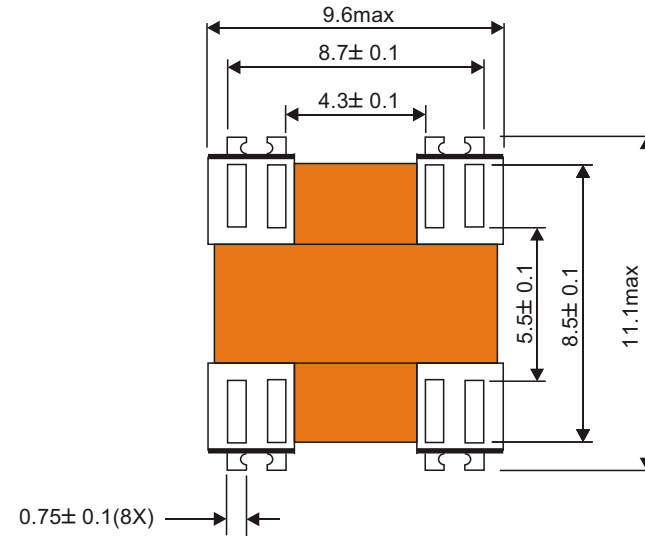
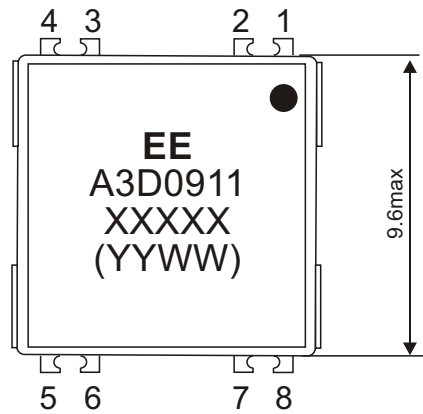


REVISIONS			
REV.	DESCRIPTION	ECN NO.	DATE
01	FIRST RELEASE	N/A	04/12/17
02	UPDATE DRAWING	EE18205	10/17/17

PART NUMBER		PART DESCRIPTION		TITLE											
A3D0911-XXXXX		RoHS compliant per EU Directive 2011/65/EU		3D Coil 9.6x11.1x3.2mmMAX, SMD (7.2mH)											
<p align="center"><u>WARNING !</u></p> <p>ALL SHEETS OF THIS DOCUMENT ARE CONTROLLED DOCUMENTATION AND ARE NOT TO BE RELEASED OUTSIDE OF E&E OR ITS SUB-CONTRACTORS WITHOUT AUTHORIZATION.</p>		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCH/mm.		APPROVALS											
		<p align="center"><u>TOLERANCE ARE:</u></p> <table border="0"> <tr> <td>INCH</td> <td>mm</td> <td>ANGLE</td> </tr> <tr> <td>.XXX ± .005</td> <td>.XX ± 0.13</td> <td>X.X ± 0.3</td> </tr> <tr> <td>.XX ± .02</td> <td>.X ± 0.5</td> <td>X. ± 1</td> </tr> </table>		INCH	mm	ANGLE	.XXX ± .005	.XX ± 0.13	X.X ± 0.3	.XX ± .02	.X ± 0.5	X. ± 1	DATE		 <p align="center">E & E Magnetic Products Ltd.</p>
		INCH	mm	ANGLE											
		.XXX ± .005	.XX ± 0.13	X.X ± 0.3											
		.XX ± .02	.X ± 0.5	X. ± 1											
DRAWN BY		DATE		DRAWING NO./MODEL											
J.S. CHEN		10/27/17													
PROJ. ENG		DATE		REV											
J.J. LI		10/27/17													
APPROVED BY		DATE		A3D0911-XXXXX											
J.J. LI		10/27/17													
Q.A.		DATE		DO NOT SCALE											
D. LUO		04/12/17													
				SCALE	PAGE 1 OF 4										



MECHANICAL OUTLINE

1. Dimensions are specified in mm.
2. Unless otherwise specified, all tolerances are ± 0.20 mm.
3. Coplanarity: 0.15mm Maximum.
4. Marking "XXXXX" is the inductance code which is described in page 3.



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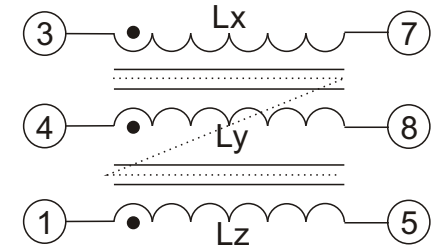
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SCHEMATIC

ELECTRICAL SPECIFICATION @25

E&E part number A3D0911-XXXXX	L ^{△5} x,y,z (mH)	Inductance Tolerances (%)	Frequency (KHz)	Q ^{△5} Min			SRF(KHz) ^{△6} Min			DCR() Max			Sensitivity (mVpp/App/m) Min			Marking (XYYY)
				x	y	z	x	y	z	x	y	z	x	y	z	
A3D0911-0720J	7.20	± 5	125	18	15.5	25.5	300	300	900	85	95	180	72	81	40	0720J

5. L and Q factor measured at 125KHz, 1Vrms.
6. SRF: Self Resonant Frequency of the coil.
7. Operating temperature range: -40 to +85 .
8. This chart is a reference guide for the most common required values at working frequency of 125KHz, any other inductance value at LF or tighter tolerances can be provided, also can be supplied different inductance values in the different winding axis, please contact our sales department for any inquiry.



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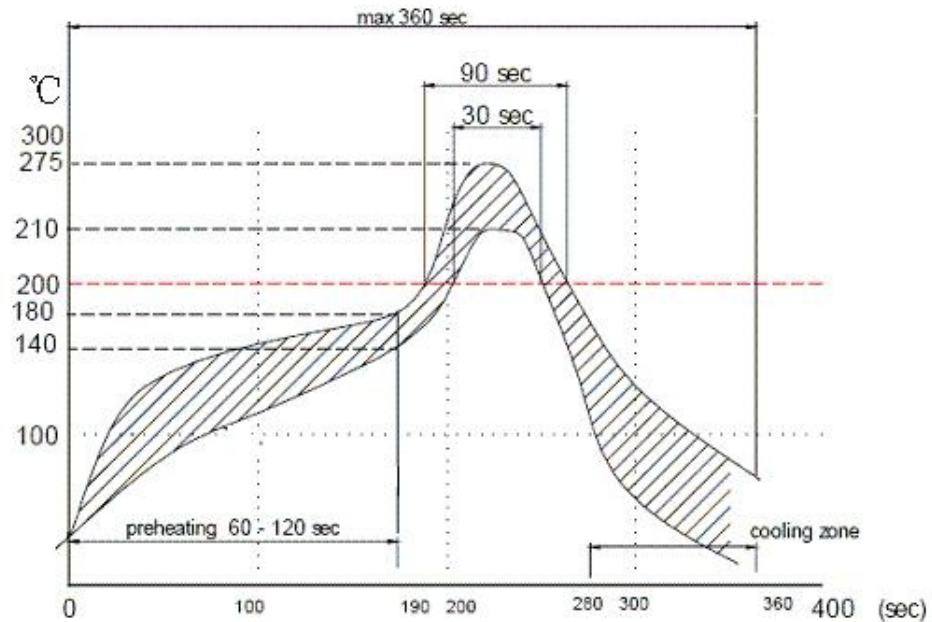
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9. Recommended Reflow profile.



The reflow condition recommended above is according to the machine used by our company, big differences will arise as result of the type of machine, reflow conditions, method, etc used



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