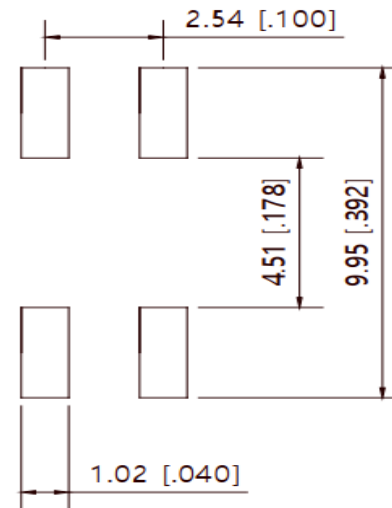
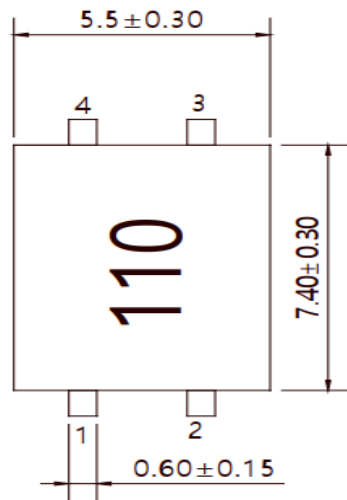
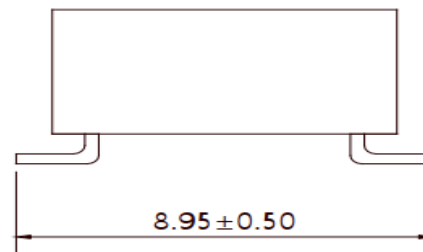
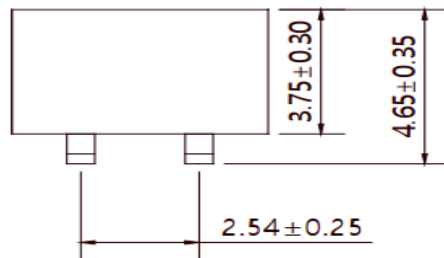


		REVISIONS			
		REV.	DESCRIPTION	ECN NO.	DATE
		Pre-01	FIRST RELEASE	N/A	01/15/25
		Pre-02	ADDED THE WINDING DIRECTION AND MAGNETIC COUPLING MARKING.	N/A	02/07/25
		TITLE			
		CMC,11uH,2.0A,SMD, 2PINS			
WARNING ! ALL SHEETS OF THIS DOCUMENT ARE CONTROLLED DOCUMENTATION AND ARE NOT TO BE RELEASED OUTSIDE OF E&E OR ITS SUB-CONTRACTORS WITHOUT AUTHORIZATION.	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCH/mm. TOLERANCE ARE: INCH mm ANGLE .XXX ± .005 .XX ± .13 X.X ± 0.3 .XX ± .02 .X ± .5 X. ± 1	APPROVALS	02/07/25	 E & E Magnetic Products Ltd.	
		DRAWN BY JH.Zheng	02/07/25		
		PROJ. ENG LJ.Zhang	02/07/25	DRAWING NO./MODEL Y31-00530F	
		APPROVED BY LJ.Zhang	02/07/25		
		Q.A. S.chung	02/07/25	SCALE DO NOT SCALE	PAGE 1 OF 3
		REV Pre-02			



SUGGESTED PAD LAYOUT



MECHANICAL OUTLINE

1. Dimensions are specified in mm
2. Unless otherwise specified, all tolerance are ± 0.25 .



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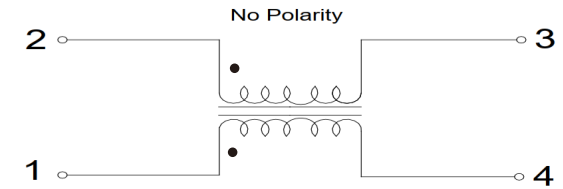
2

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3

ELECTRICAL SPECIFICATION @25°C

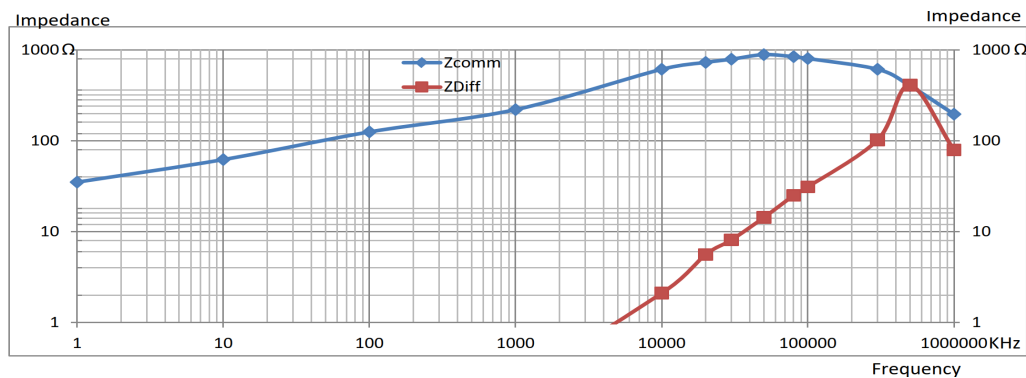
PARAMETERS	UNIT	LIMIT
Inductance(1-4) &(2-3)@100 KHz,0.1Vrms	uH	11 ±30%
Rated current	A	2.0
DCR (1-4)&(2-3)	mΩ	120 Max
Insulation resistance between terminals at 50VDC	MΩ	100 Min
Impedance @ 20-300MHz	Ω	200 Min



Winding : 2* Ø 0.2mm/9Ts,Bifilar,clockwise (Ref.)

SCHEMATIC

- Operating temperature range -25°C to +85 °C including self temperature rise.
- Storage temperature : store this product under the condition of 5 °C to 40 °C, 20% to 70% RH and use within 6 months.
- Impedance V.S frequency characteristics



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