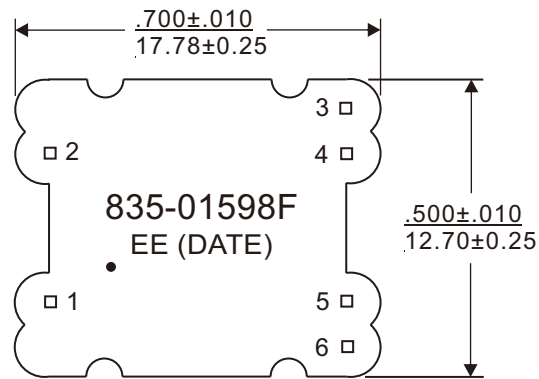
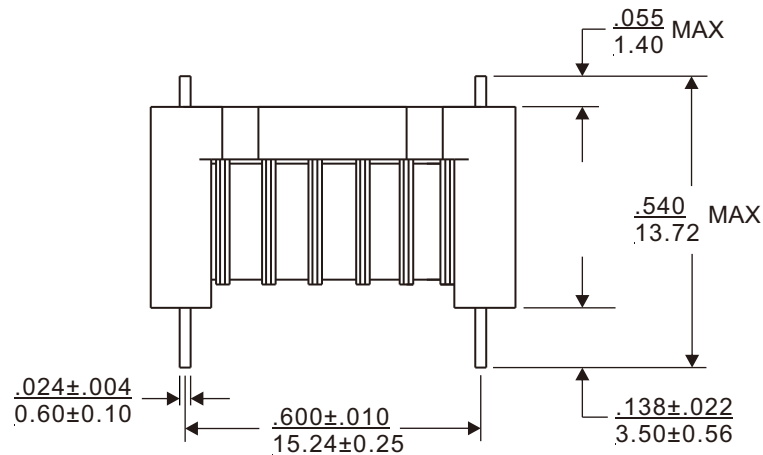


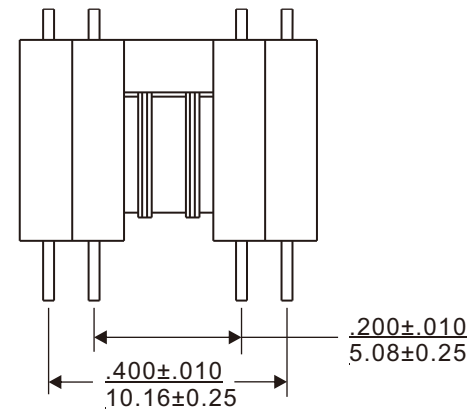
		REVISIONS												
		REV.	DESCRIPTION	ECN NO.	DATE									
		Pre-01	FOR RFQ# A2025-16071	N/A	03/27/25									
		PAGE 4 IS FOR INTERNAL ONLY												
PART NUMBER	PART DESCRIPTION			TITLE										
835-01598F	RoHS compliant Directive(EU) 2015/863			PFXM, T core, TH, 6PIN										
WARNING ! ALL 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: <table><tr><td>INCH</td><td>mm</td><td>ANGLE</td></tr><tr><td>.XXX ± .005</td><td>.XX ± .13</td><td>X.X ± 0.3</td></tr><tr><td>.XX ± .02</td><td>.X ± .5</td><td>X. ± 1</td></tr></table>	INCH	mm	ANGLE	.XXX ± .005	.XX ± .13	X.X ± 0.3	.XX ± .02	.X ± .5	X. ± 1	APPROVALS	DATE	 E & E Magnetic Products Ltd.	
		INCH	mm	ANGLE										
		.XXX ± .005	.XX ± .13	X.X ± 0.3										
		.XX ± .02	.X ± .5	X. ± 1										
		DRAWN BY												
		PROJ. ENG	N.NIE	03/27/25										
APPROVED BY	K.DENG	03/27/25												
Q.A.	J. YANG	03/27/25												
	W.ZHANG	03/27/25		DRAWING NO./MODEL										
			835-01598F		REV									
			Pre-01											
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Top view



Front view



Side view

MECHANICAL OUTLINE



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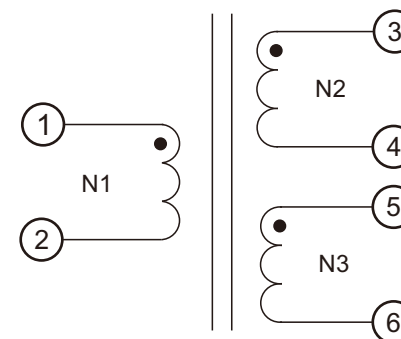
OF

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1. Dimensions are specified in $\frac{\text{inches}}{\text{mm}}$ with higher precedence in mm.
2. Unless otherwise specified, all tolerance are $\pm \frac{.010}{0.25}$.
3. "(DATE)" includes at least the manufacturing date code(in YYWW format)plus two chracter country code.

ELECTRICAL SPECIFICATION @20~25°C:

PARAMETERS	UNIT	LIMIT
Turns Ratio (N1:N2:N3)	-	1:1:1±5%
Polarity	-	Per Schematic
Ls (1-2) or (3-4) or (5-6) @500KHz, 20mV	uH	70 Min
LL (1-2) short (3-4) @500KHz, 20mV	nH	180 Max
LL (1-2) short (5-6) @500KHz, 20mV	nH	180 Max
DCR (1-2) or (3-4) or (5-6) @20°C	Ohms	0.05 Max
Capacitance (1-2) : (3-4) @500Hz, 20mV	pF	5 Max
Capacitance (1-2) : (5-6) @500Hz, 20mV	pF	5 Max
Hipot (N1) : (N2) : (N3) @60Hz, 2mA, 6S	VAC	1500



SCHEMATIC

4. Operating temperature range: -40°C to +125°C.

The part temperature (ambient temperature + temperature rise) should not exceed the upper limit of the operating temperature under worst case operating conditions. Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.

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