
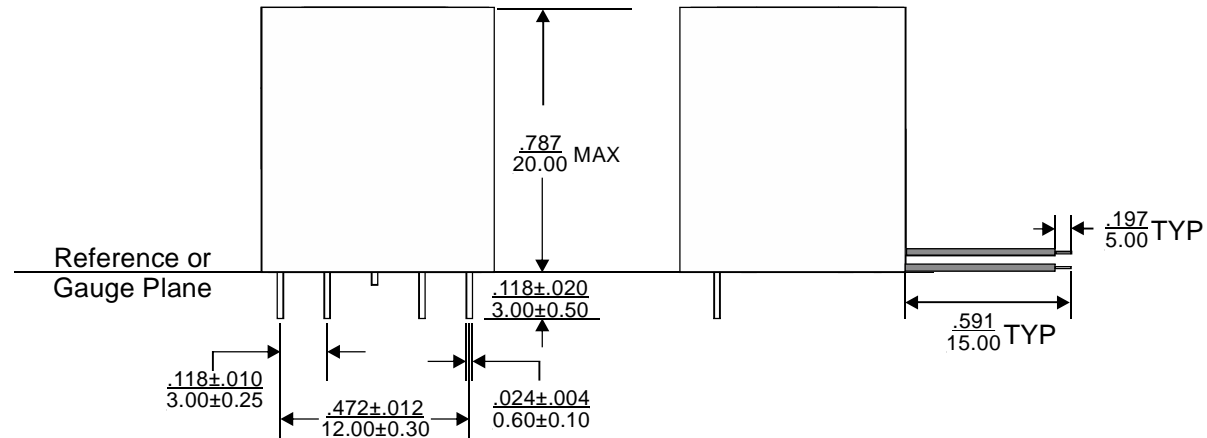
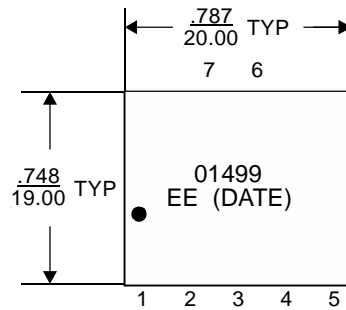


REVISIONS			
REV.	DESCRIPTION	ECN NO.	DATE
01	FIRST RELEASE FOR RFQ#A2020-15254	N/A	06/22/20

**PAGE 4 IS FOR INTERNAL ONLY**

PART NUMBER		PART DESCRIPTION		TITLE											
835-01499F		RoHS compliant per EU Directive 2015/863/EC		PXFM, FLYBACK, THT, 5 PIN											
<p align="center"><b>WARNING !</b></p> <p>ALL SHEETS OF THIS DOCUMENT ARE CONTROLLED DOCUMENTATION AND ARE NOT TO BE RELEASED OUTSIDE OF E&amp;E OR ITS SUB-CONTRACTORS WITHOUT AUTHORIZATION.</p>		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCH/mm.		APPROVALS											
		<p align="center">TOLERANCE ARE:</p> <table border="0"> <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	DATE		 <p><b>E &amp; E Magnetic Products Ltd.</b></p>
		INCH	mm	ANGLE											
		.XXX ± .005	.XX ± .13	X.X ± 0.3											
		.XX ± .02	.X ± .5	X. ± 1											
DRAWN BY		K.DENG		06/22/20											
PROJ. ENG		K.DENG		06/22/20											
APPROVED BY		J.YANG		06/22/20											
Q.A.		W.ZHANG		06/22/20											
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SCALE		DO NOT SCALE		1 OF 4											



## MECHANICAL OUTLINE

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 character country code.
4. Pin3 is cut from the design.



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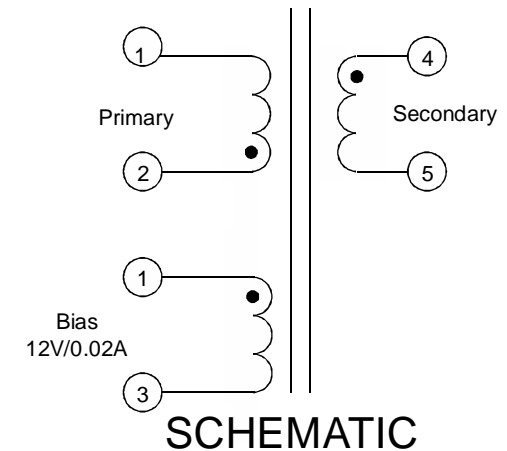
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## ELECTRICAL SPECIFICATION @25°C:

PARAMETERS	UNIT	LIMIT
Inductance, Ls(2-1)@100kHz, 0.1Vrms	uH	645 TYP
Turns Ratio(2-1):(4-5):(6-7)	-	47 : 11: 5 ± 3%
Polarity	-	Per Schematic
LL(2-1), short (4,5,6,7)@100kHz, 0.1Vrms	uH	5.7 TYP
DCR(2-1)	W	0.62 TYP
DCR(4-5)	mW	150 TYP
DCR(6-7)	mW	7.5 TYP
Hipot(2-1):(4-5),2s	Vrms	1500 Min
Hipot(2-1):(6-7),2s	Vrms	1500 Min

5. Operating temperature: -40°C to +85°C.

6. Operating temperature: -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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