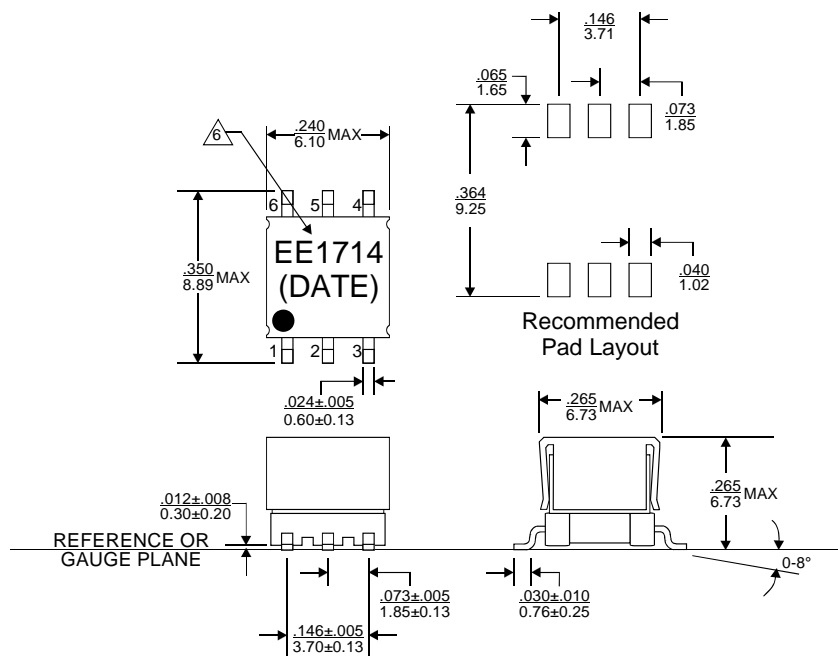


REVISIONS			
REV.	DESCRIPTION	ECN NO.	DATE
01	FIRST RELEASE FOR RFQ#D2004-5359	N/A	07/02/04
02	TIGHTEN Cww SPECIFICATION PER CUSTOMER REQUEST	EE5455	08/06/04
03	ADD RoHS COMPLIANT VERSION INTO DRAWING	EE6570	05/16/05
04	UPDATE INTERNAL DRAWING	EE9150	03/16/07
05	UPDATE DIMENSION AS PER CUSTOMER REQUEST	EE10380	05/22/08

PAGE 4 IS FOR INTERNAL ONLY

PART NUMBER	PART DESCRIPTION	TITLE										
821-01714	Standard version, with Lead(Pb)	TRANSFORMER, T1/E1/ISDN-PRI, EXT. TEMP., SMD, 6 PIN										
821-01714F	RoHS compliant per EU Directive 2002/95/EC(without exemption of solder content)	E & E Magnetic Products Ltd.										
<p>WARNING !</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>	<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCH/mm.</p> <p>TOLERANCE ARE:</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	APPROVALS	DATE
		INCH	mm	ANGLE								
		.XXX ± .005	.XX ± 0.13	X.X ± 0.3								
		.XX ± .02	.X ± 0.5	X. ± 1								
		DRAWN BY	W.P. CHENG	05/22/08								
PROJ. ENG	W.P. CHENG	05/22/08										
APPROVED BY	V. TSUI	05/22/08										
	Q.A.	C.M. TSUI	05/22/08									
		DRAWING NO./MODEL	REV									
		821-01714	05									
		SCALE	PAGE OF									
		DO NOT SCALE	1 OF 4									



1. Dimensions are specified in $\frac{\text{inches}}{\text{mm}}$ with higher precedence in inches.
2. Unless otherwise specified, all tolerances are $\pm \frac{.010}{.25}$.
3. Coplanarity: $\frac{.004}{0.10}$ max.
4. "(DATE)" includes at least the manufacturing date code (in YYWW format) plus two character country code.
5. Dimensions are to be measured in accordance with JEDEC standard 95-1.
6. For RoHS compliant version, 821-01714F, the part will be marked with "EE1714F", instead of "EE1714".

MECHANICAL OUTLINE



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DRAWING NO./MODEL

821-01714

REV

05

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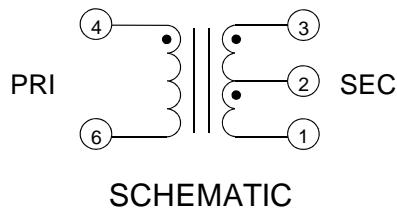
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2

OF


4



ELECTRICAL SPECIFICATION @25°C:

PARAMETERS	UNIT	LIMITS
Turns Ratio(4-6):(3-2-1)	-	1 : 1CT ± 1%
Polarity	-	Per Schematic
Inductance, Ls(4-6) @10kHz, 0.1Vrms	mH	1.6 Min
LL(4-6), short 1+3@100kHz, 0.1Vrms	uH	1.20 Max
DCR(4-6)	Ω	1.70 Max
DCR(3-1)	Ω	1.80 Max
Cww (4-6):(1-3) @100kHz, 0.1Vrms	pF	35.0 Max
Hipot(4-6):(1-3), 1 minute	Vrms	1500 Min

7. Operating temperature: -40°C to +85°C.
8. Surge voltage capability(generator output:peak voltage, 25 ohm source):
 - Metallic : 3000V peak.
 - Longitudinal : 2500V peak.

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DRAWING NO./MODEL		REV
821-01714		05
SCALE	PAGE	OF
DO NOT SCALE	3	4