
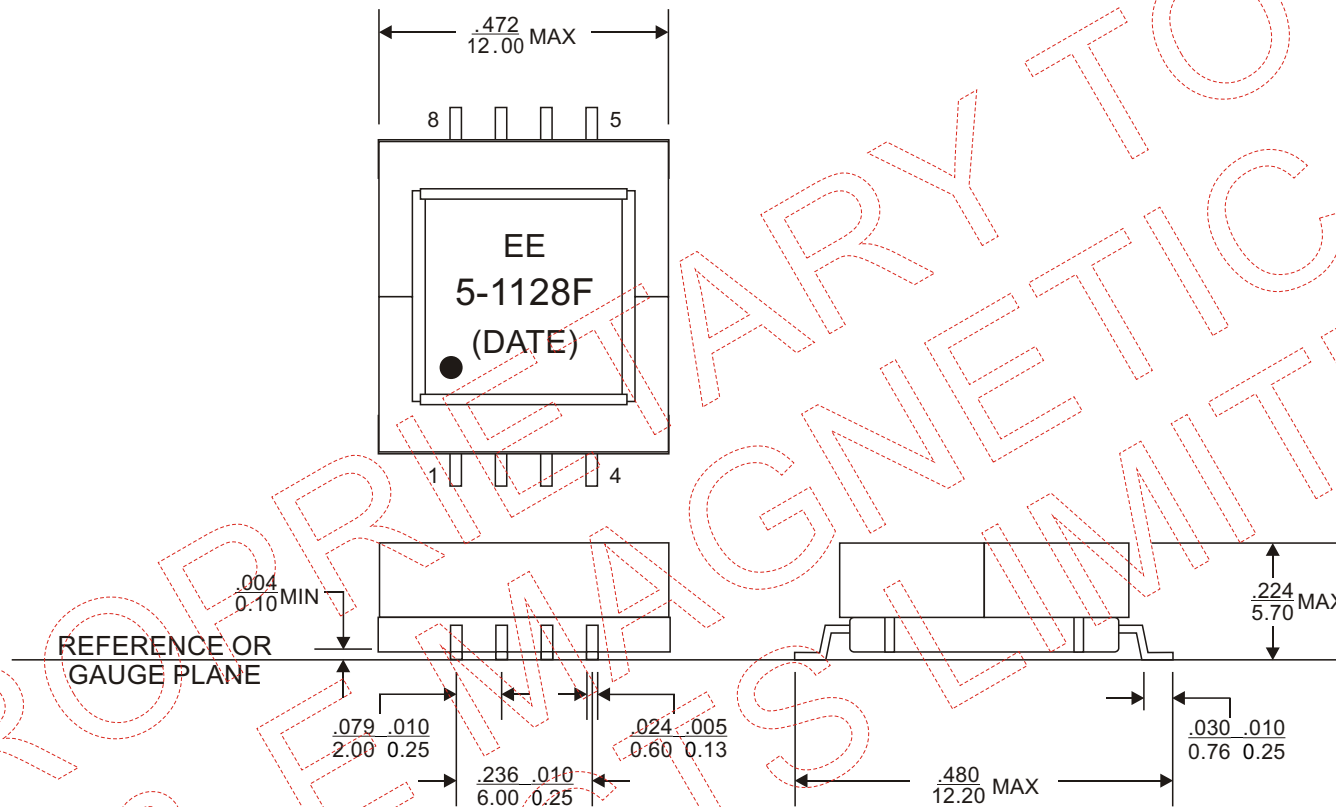


REVISIONS			
REV.	DESCRIPTION	ECN NO.	DATE
01	FIRST RELEASE	N/A	11/26/10
02	UPDATE DRAWING AS PER CUSTOMER REQUEST	EE12627	03/01/11
03	UPDATE DRAWING	EE13008	08/05/11

PROPRIETARY TO  
 E & E MAGNETIC PRODUCTS LIMITED

PAGE 4 IS FOR INTERNAL USE ONLY

PART NUMBER		PART DESCRIPTION		TITLE																												
835-01128F		RoHS compliant per EU Directive 2002/95/EC(without exemption of solder content)		TRANSFORMER, SMD, 8 PIN,																												
<p style="text-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.		 E & E Magnetic Products Ltd.																												
		TOLERANCE ARE:																														
		<table border="0"> <tr> <td>INCH</td> <td>mm</td> <td>ANGLE</td> </tr> <tr> <td>.XXX .005 .XX .13</td> <td>X.X 0.3</td> <td>Q.A.</td> </tr> <tr> <td>.XX .02 .X .5</td> <td>X. 1</td> <td></td> </tr> </table>		INCH	mm	ANGLE	.XXX .005 .XX .13	X.X 0.3	Q.A.	.XX .02 .X .5	X. 1		<table border="1"> <thead> <tr> <th>APPROVALS</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN BY W.P. CHENG</td> <td>08/05/11</td> </tr> <tr> <td>PROJ. ENG W.P. CHENG</td> <td>08/05/11</td> </tr> <tr> <td>APPROVED BY V. TSUI</td> <td>08/05/11</td> </tr> <tr> <td>Q.A. C.M. TSUI</td> <td>08/05/11</td> </tr> </tbody> </table>		APPROVALS	DATE	DRAWN BY W.P. CHENG	08/05/11	PROJ. ENG W.P. CHENG	08/05/11	APPROVED BY V. TSUI	08/05/11	Q.A. C.M. TSUI	08/05/11	<table border="1"> <tr> <td colspan="2">DRAWING NO./MODEL</td> <td>REV</td> </tr> <tr> <td colspan="2" style="text-align: center;">835-01128F</td> <td style="text-align: center;">03</td> </tr> </table>		DRAWING NO./MODEL		REV	835-01128F		03
		INCH	mm	ANGLE																												
		.XXX .005 .XX .13	X.X 0.3	Q.A.																												
.XX .02 .X .5	X. 1																															
APPROVALS	DATE																															
DRAWN BY W.P. CHENG	08/05/11																															
PROJ. ENG W.P. CHENG	08/05/11																															
APPROVED BY V. TSUI	08/05/11																															
Q.A. C.M. TSUI	08/05/11																															
DRAWING NO./MODEL		REV																														
835-01128F		03																														
SCALE		PAGE	OF																													
DO NOT SCALE		1	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  $\frac{.010}{0.25}$ .
3. Coplanarity:  $\frac{.004}{0.10}$  max.
4. "(DATE)" includes at least the manufacturing date code (in YYWW format) plus two character country code.



E & E Magnetic Products Ltd.

DRAWING NO./MODEL

835-01128F

REV

03

SCALE

DO NOT SCALE

PAGE

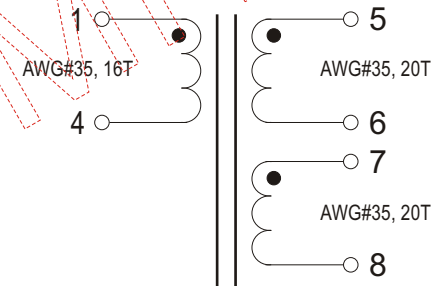
2

OF

4

**ELECTRICAL SPECIFICATION @25 C:**

PARAMETERS	UNIT	LIMITS
Turns Ratio(1-4):(5-6):(7-8)	-	1 : 1.25 : 1.25 2%
Polarity	-	Per Schematic
Ls(1-4)@10kHz, 0.1Vrms	uH	130 min
LL(1-4),short 5-6-7-8@100kHz, 0.1Vrms	uH	0.60 max
DCR(1-4)		0.40 max
DCR(5-6)		0.55 max
DCR(7-8)		0.55 max
HIPOT(1-4):(5-6-7-8), 1mA, 1 minute	Vdc	1000 min
Insulation Resistance(1-4):(5-6-7-8) @ 500Vdc	M	100 min



**SCHEMATIC**

5. Operating temperature: 0 C to +70 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.

6. The enamelled wire is rated class F or above.



**E & E Magnetic Products Ltd.**

DRAWING NO./MODEL

**835-01128F**

REV

**03**

SCALE

**DO NOT SCALE**

PAGE

**3**

OF

**4**