
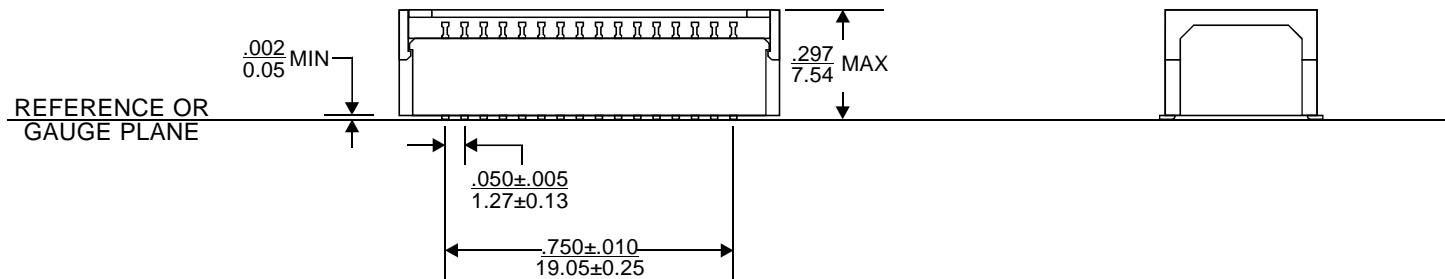
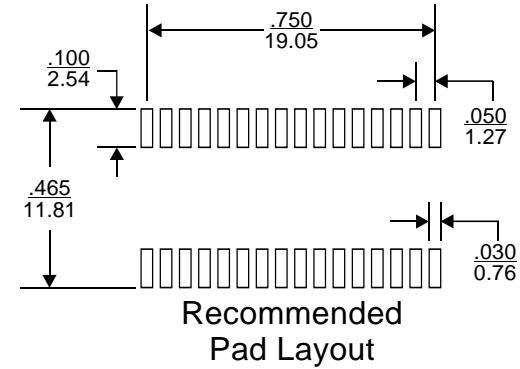
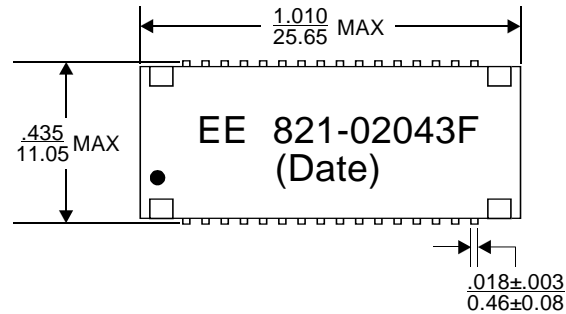


REVISIONS			
REV.	DESCRIPTION	ECN NO.	DATE
01	FIRST RELEASE	N/A	07/07/11

When ordering, please add suffix "T" to the part number for tape & reel packaging (330mm reel).

PAGE 4 & 5 ARE FOR INTERNAL ONLY
TITLE

PART NUMBER		PART DESCRIPTION				TRANSFORMER, T1/E1/CEPT/ISDN-PRI, OCTAL, SOIC, 32 PIN, EXT. TEMP.			
821-02043F		RoHS compliant per EU Directive 2002/95/EC(without exemption of solder content)							
<div><div>WARNING !</div><div>ALL SHEETS OF THIS DOCUMENT ARE CONTROLLED DOCUMENTATION AND ARE NOT TO BE RELEASED OUTSIDE OF E&E OR ITS SUB-CONTRACTORS WITHOUT AUTHORIZATION.</div></div>		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCH/mm.		APPROVALS		DATE		<div><div></div><div>E & E Magnetic Products Ltd.</div></div>	
				DRAWN BY		07/07/11			
		Y.L. YUNG		07/07/11		DRAWING NO./MODEL		REV	
		PROJ. ENG		07/07/11					
		D. YUNG		07/07/11		821-02043F		01	
		APPROVED BY		07/07/11					
		V. TSUI		07/07/11		SCALE		PAGE OF	
Q.A.		07/07/11							
C.M. TSUI		07/07/11		DO NOT SCALE		15			



1. Dimensions are specified in $\frac{\text{inches}}{\text{mm}}$ with higher precedence in inches.
2. Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$.
3. Coplanarity: $\frac{.004}{0.10}$ max.
4. "(DATE)" includes at least the manufacturing date code (in YYWW format) plus two character country code.

MECHANICAL OUTLINE



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REV

01

SCALE

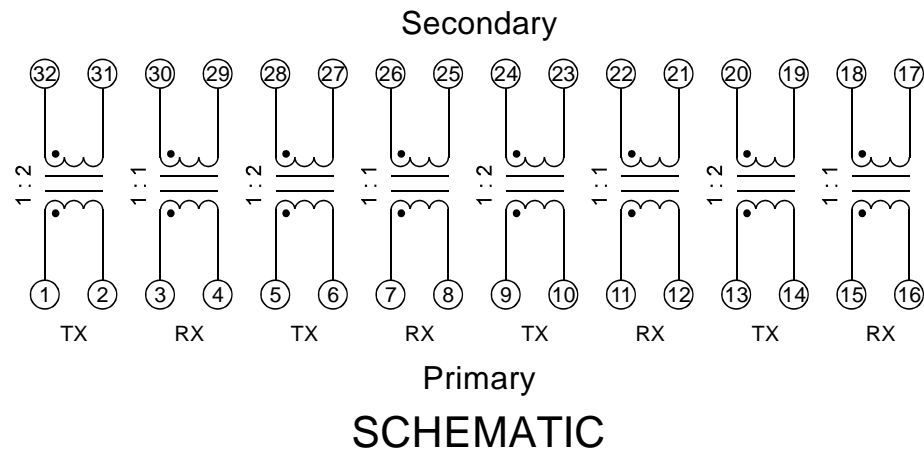
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PAGE

2

OF

5



ELECTRICAL SPECIFICATION @25°C:

PARAMETERS	UNIT	TX Side	RX Side
Turns Ratio(Primary):(Secondary)	-	1 : 2 \pm 2%	1 : 1 \pm 2%
Polarity	-	Per Schematic	Per Schematic
Ls(Secondary) @10kHz, 0.1Vrms	mH	1.2 Min	1.2 Min
LL(Primary), short (Secondary) @100KHz, 0.1Vrms	μ H	0.6 Max	0.6 Max
Cww(Primary):(Secondary) @100KHz, 0.1Vrms	pF	30 Max	30 Max
HIPOT(Primary):(Secondary)	Vrms	1500 Min	1500 Min

5. Operating temperature: -20°C to +85°C.



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PAGE

3

OF

5