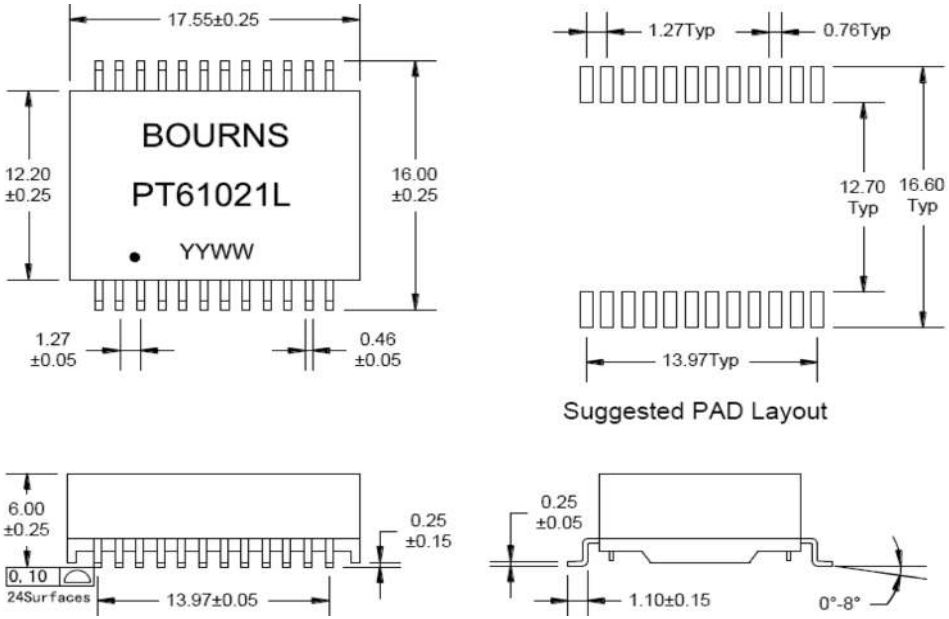
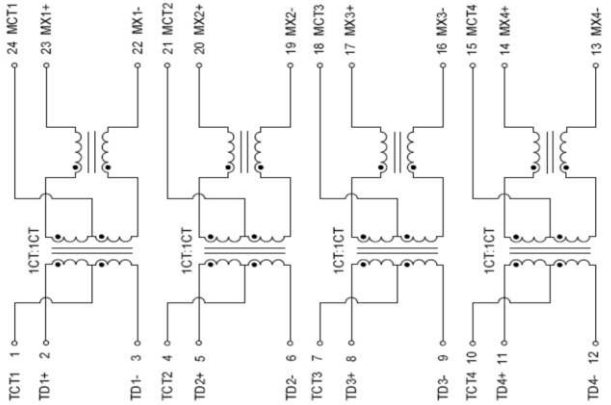
DIMENSIONS:



SCHEMATIC:



ELECTRICAL SPECIFICATIONS @ 25℃ :

1. OCL(TD @ 100 kHz, 0.2V with 8mA DC bias): 350uH Min
2. Leakage Inductance(TD,MX short @ 100kHz, 0.2V): 0.5uH Max
3. DCR(MX): 1400mΩ Max
4. Turns Ratio(TD:MX) = 1CT:1CT ± 5%
5. Insertion Loss(TD to MX): -1.1 dB Max @ 0.3-100 MHz
6. Return Loss(TD,MX with 100 ohm load):
   -16 dB Min @ 0.3-40 MHz
   -10+20*LOG 10(f/80 MHz) dB Min @ 40-100 MHz
7. Cross Talk(Between each channel):
   -35 dB Min @ 0.3-30 MHz
   -28 dB Min @ 60-100 MHz
8. Common Mode Rejection(TD to MX):
   -40 dB Min @ 0.3-30 MHz
   -35 dB Min @ 60 MHz
   -30 dB Min @ 80-100 MHz
9. Cww(TD to MX):25pF typ.@100KHz,0.2V
10. Isolation Hipot(pri to sec): 1500VAC 1mA 60S
11. Operating temperature 0℃ to +70℃
12. Storage temperature -40℃ to +125℃

Bourns Worldwide Contacts:
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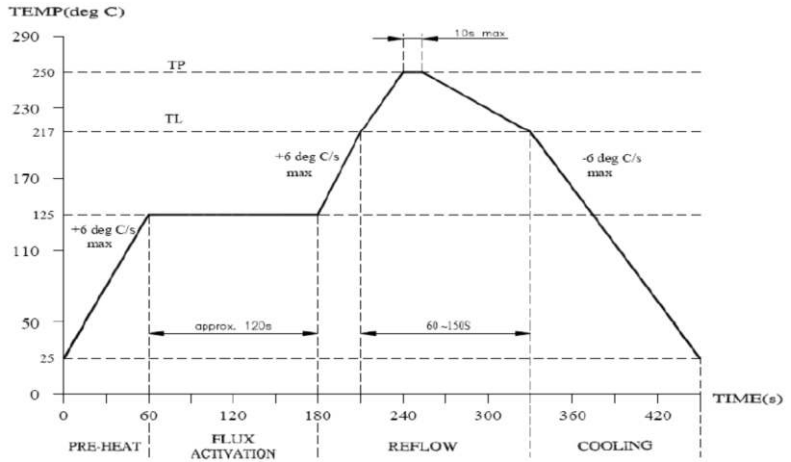
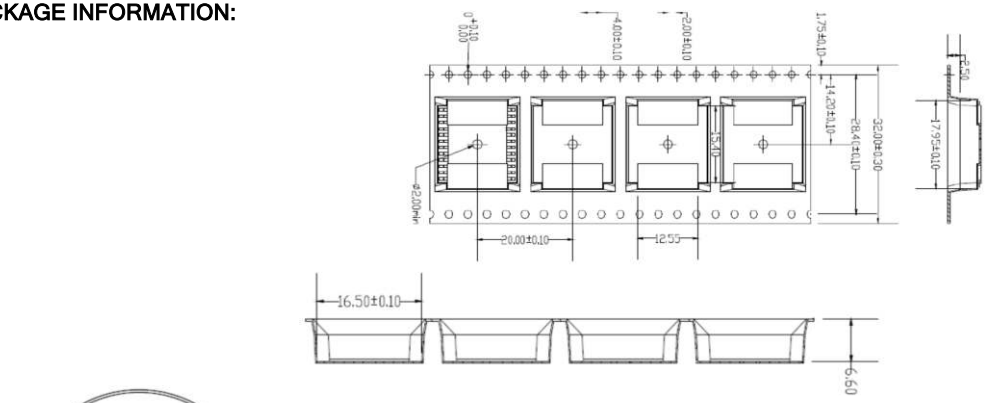
EMEA: Tel: +36 88 520 390 Fax: +36 88 520 211
The Americas: Tel: +1-951 781 5500 Fax: +1-951 781-5700
www.bourns.com

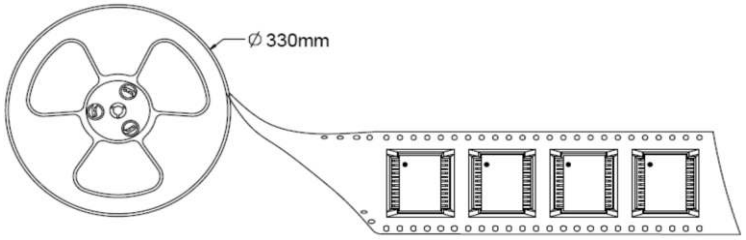
TITLE: 10/100/1000 BASE-T SINGLE PORT TRANSFORMER MODULE			D	Package q'ty change	2016/1/29			UNIT: MM
			C	Revised DCR and package info.	2015/10/8			
BOURNS®	Customer Specification NO.		B	Revised RL and add package info.	2015/9/22			DWG. NO. PT61021L
			A	Released	2011/9/1			
	BOURNS Part NO.	PT61021EL	NO.	DESCRIPTION	DATE	NO.	DESCRIPTION / DATE	SHEET 1 OF 2
			REVISIONS					

IR REFLOW PROFILE:



PACKAGE INFORMATION:





Package Quantity:

One Reel=350Pcs

One Inner Carton=350*2=700Pcs

One Export Carton=700*2=1400Pcs

TITLE	10/100/1000 BASE-T SINGLE PORT TRANSFORMER MODULE		D	Package q'ty change	2016/1/29			UNIT
			C	Revised DCR and package info.	2015/10/8			MM
BOURNS®	Customer Specification NO.		B	Revised RL and add package info.	2015/9/22			DWG. NO.
			A	Released	2011/9/1			PT61021L
	BOURNS Part NO.	PT61021EL	NO.	DESCRIPTION	DATE	NO.	DESCRIPTION / DATE	SHEET 2 OF 2
			REVISIONS					