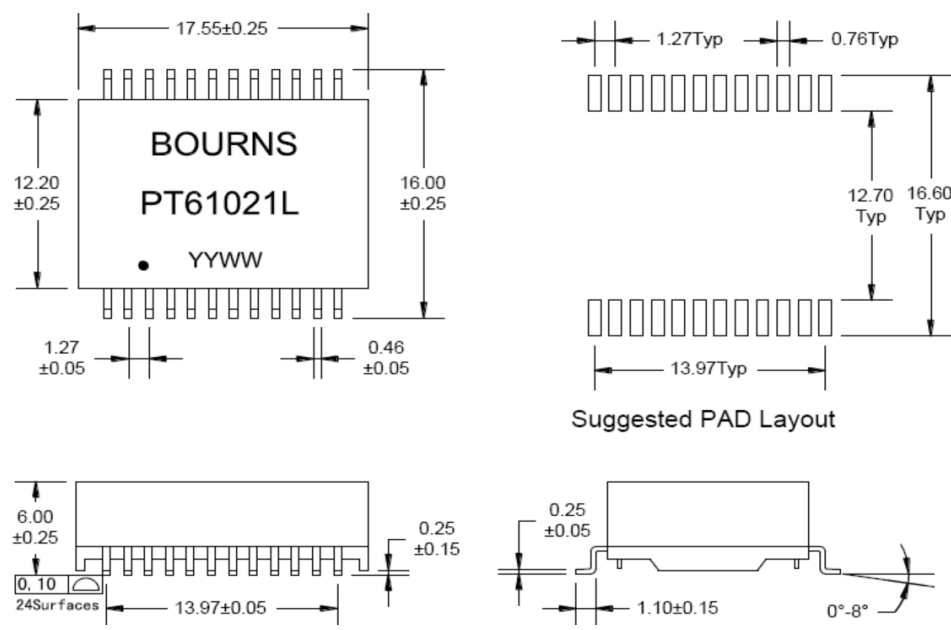
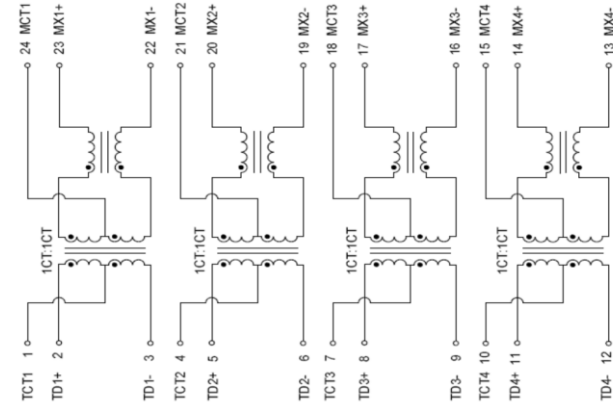


DIMENSIONS:



SCHEMATIC:



ELECTRICAL SPECIFICATIONS @ 25°C :

- 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°C to +70°C
- 12. Storage temperature -40°C to +125°C

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
						C	Revised DCR and package info.	2015/10/8				MM
			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.
REVISIONS												

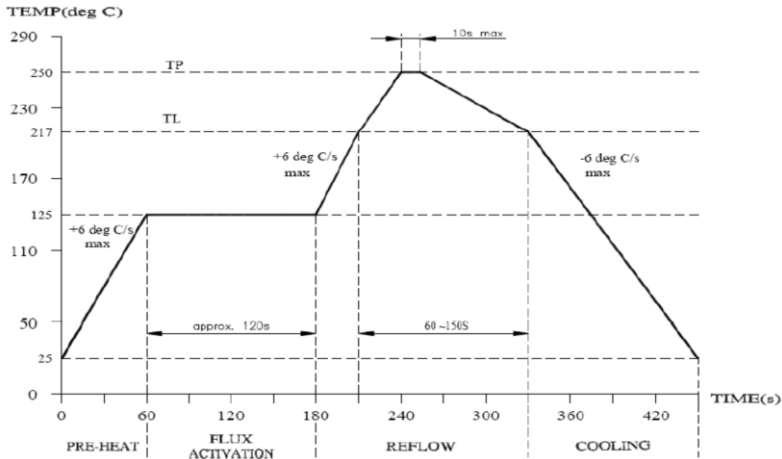
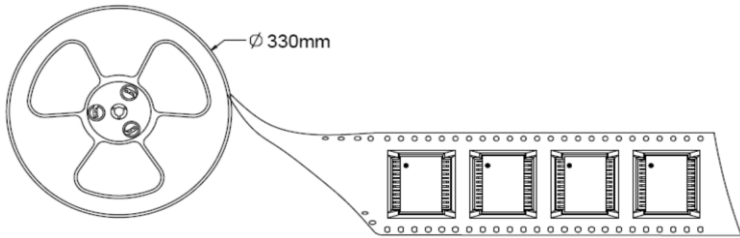
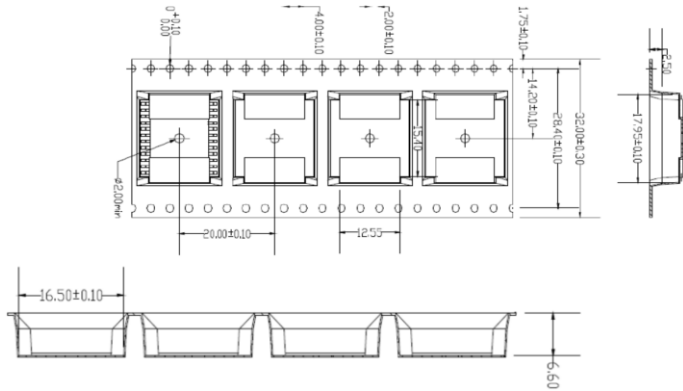


Customer Specification NO.

BOURNS Part NO.

PT61021EL

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				
	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								