



- Designed for Power over Ethernet Plus enabled applications with reference to IEEE P802.3at
- 350μH OCL with 18.5mA DC Bias
- 720mA maximum balanced DC line current capability
- Design to withstand IR-reflow with peak temperature per IPC/JEDEC J-STD-020C
- Operating temperature -40°C to +85°C.
- RoHS compliant

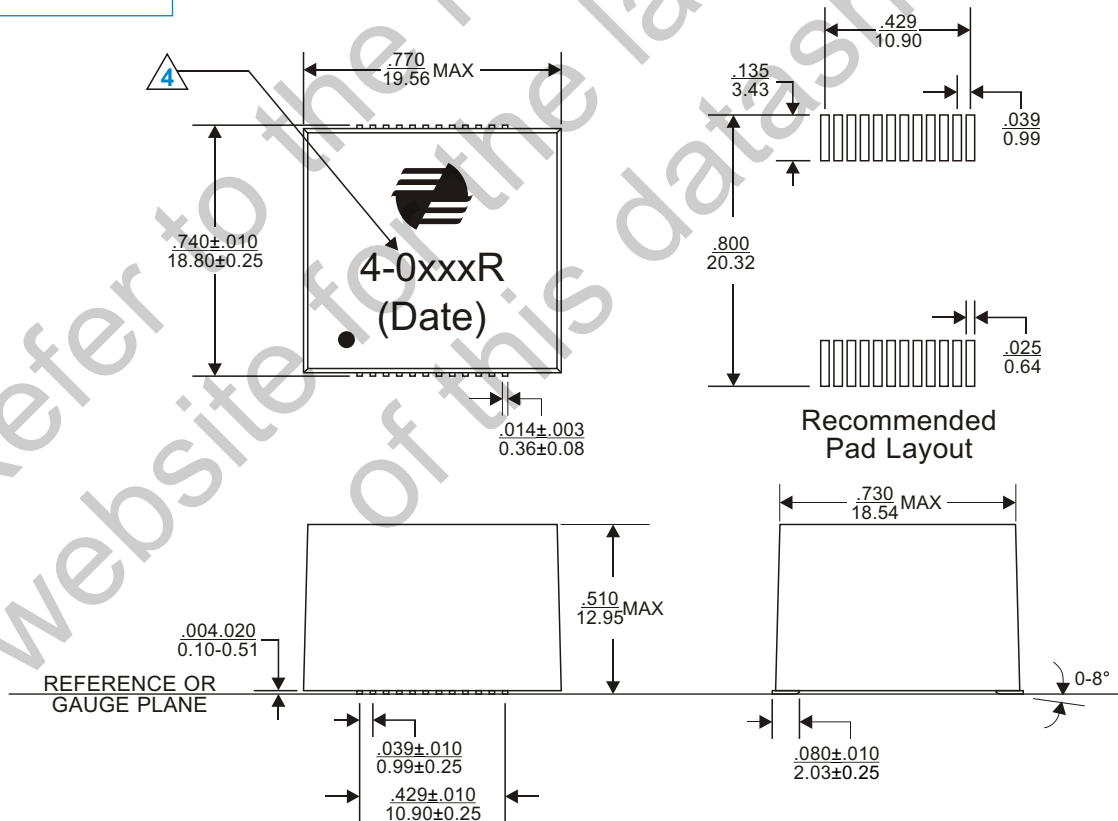


**ELECTRICAL SPECIFICATION @ 25°C**

Part Number	RoHS Part Number	Insertion Loss (dB Max)	Return Loss <sup>1</sup> (dB Min)		CMRR (dB Min)	CM-DM Rejection Ratio (dB Min)	Hipot (Vrms)
			1-100MHz	1-40MHz			
-	824-00344R	1.0	18.0	12-20Log(F/80)	30.0	35.0	1500
-	824-00345R	1.0	18.0	12-20Log(F/80)	30.0	35.0	1500

**MECHANICAL DIMENSIONS**

824-00344R / 824-00345R



**Notes:**

1. "F" represents the test frequency specified in MHz.
2. All dimensions are specified in  $\frac{\text{inches}}{\text{mm}}$  with higher precedence in inches.
3. Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0.25}$ .
4. For available RoHS part number, the part will be marked with "4-0344R" or "4-0345R".

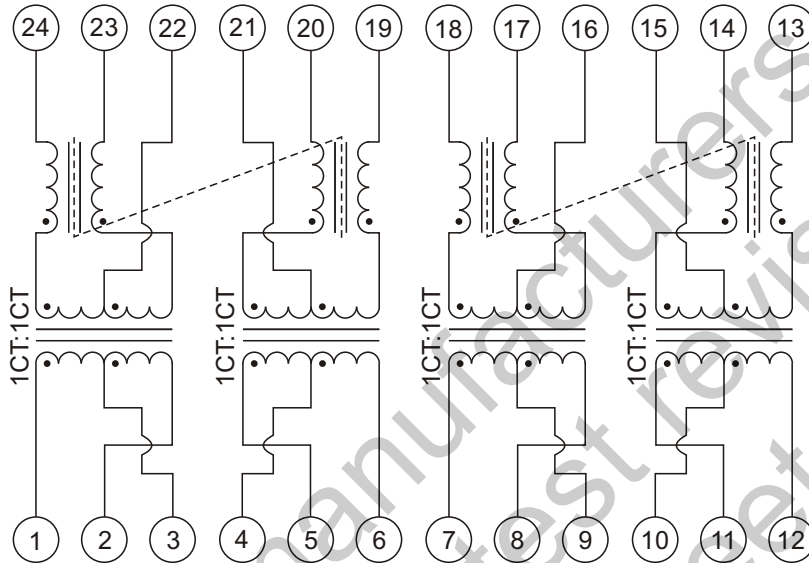
Weight (in gram)	: 6.6 typ.
Tape & Reel	: 120 / reel



**SCHEMATICS**

824-00344R

**LINE SIDE  
(Secondary)**

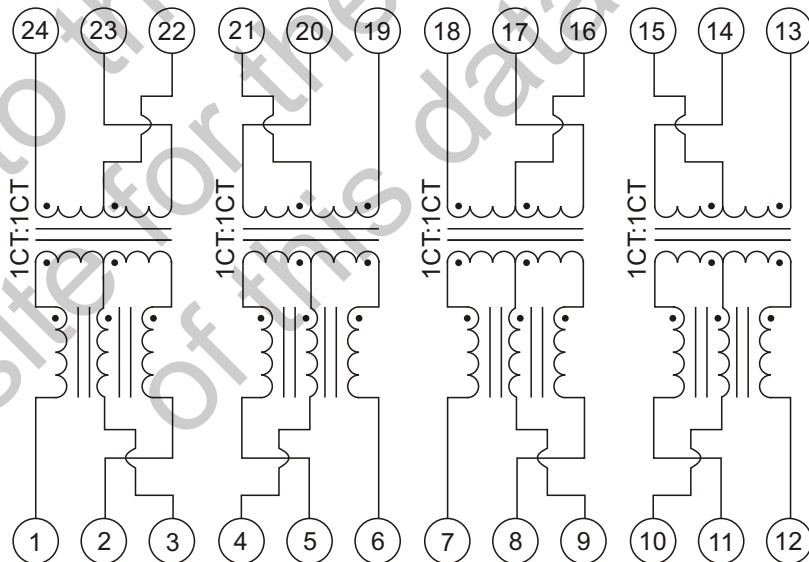


**CHIP SIDE  
(Primary)**

**SCHEMATICS**

824-00345R

**LINE SIDE  
(Secondary)**



**CHIP SIDE  
(Primary)**

**FOR MORE INFORMATION, PLEASE CONTACT**

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