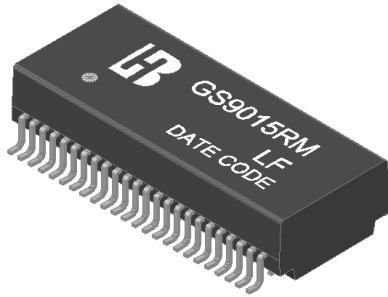


**Feature**



- Complying with IEEE 802.3ab standard for 1000 BASE-T.
- Complying with IEEE 802.3bt standard.
- POE applications with 1A current capability.
- Cable interface for isolation and low common mode emissions.
- Complying with ROHS requirements.
- Operating temperature range: -40°C to +85°C.
- Storage temperature range: -40°C to +85°C.

**Electrical Specifications @ 25°C**

Part Number	Turns Ratio (±5%)		OCL (uH Min) @100KHz/0.1V with 15mA DC Bias	L.L (uH Max)	C <sub>w/w</sub> (pF Max)	DCR (Ω Max)	HI-POT
	TX	RX					
GS9015RM LF	1CT:1CT	1CT:1CT	350	0.5	28	1.4	AC1500V/1mA

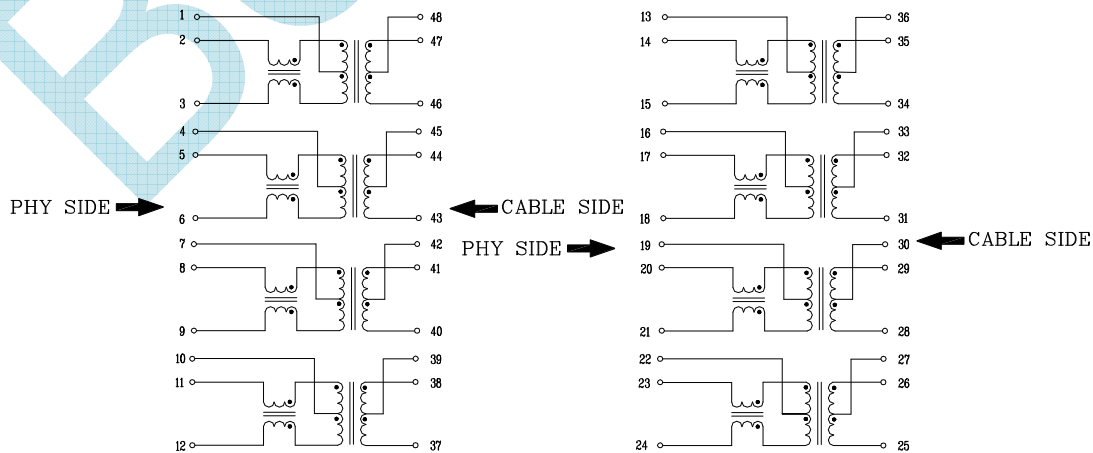
**Continue**

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min) @ Load 100Ω				
		1-100MHz	1-40MHz	50MHz	60MHz	80MHz
GS9015RM LF	-1.4	-16	-14.08	-12.5	-10	-8

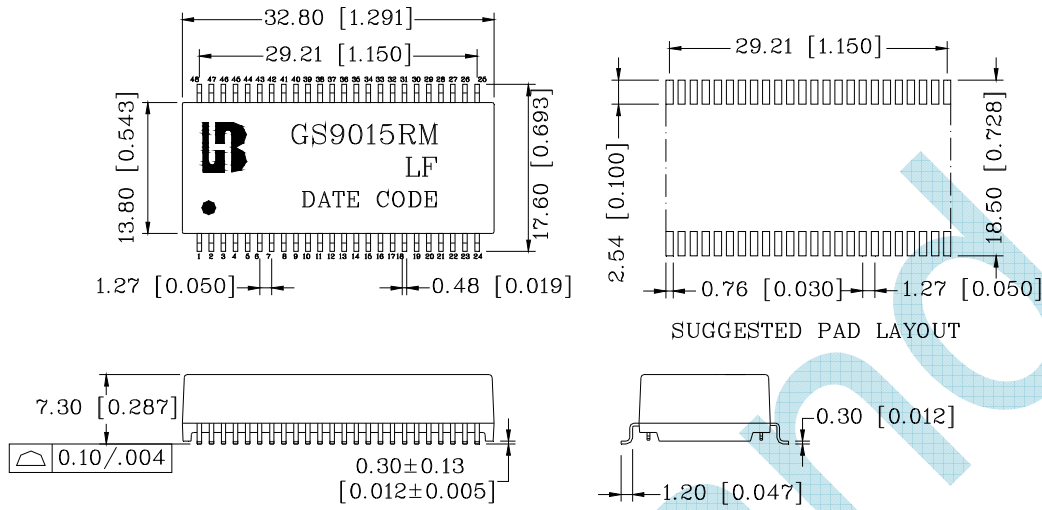
**Continue**

Part Number	Cross talk (dB Min)			DCMR (dB Min)		
	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
GS9015RM LF	-40	-35	-30	-40	-35	-30

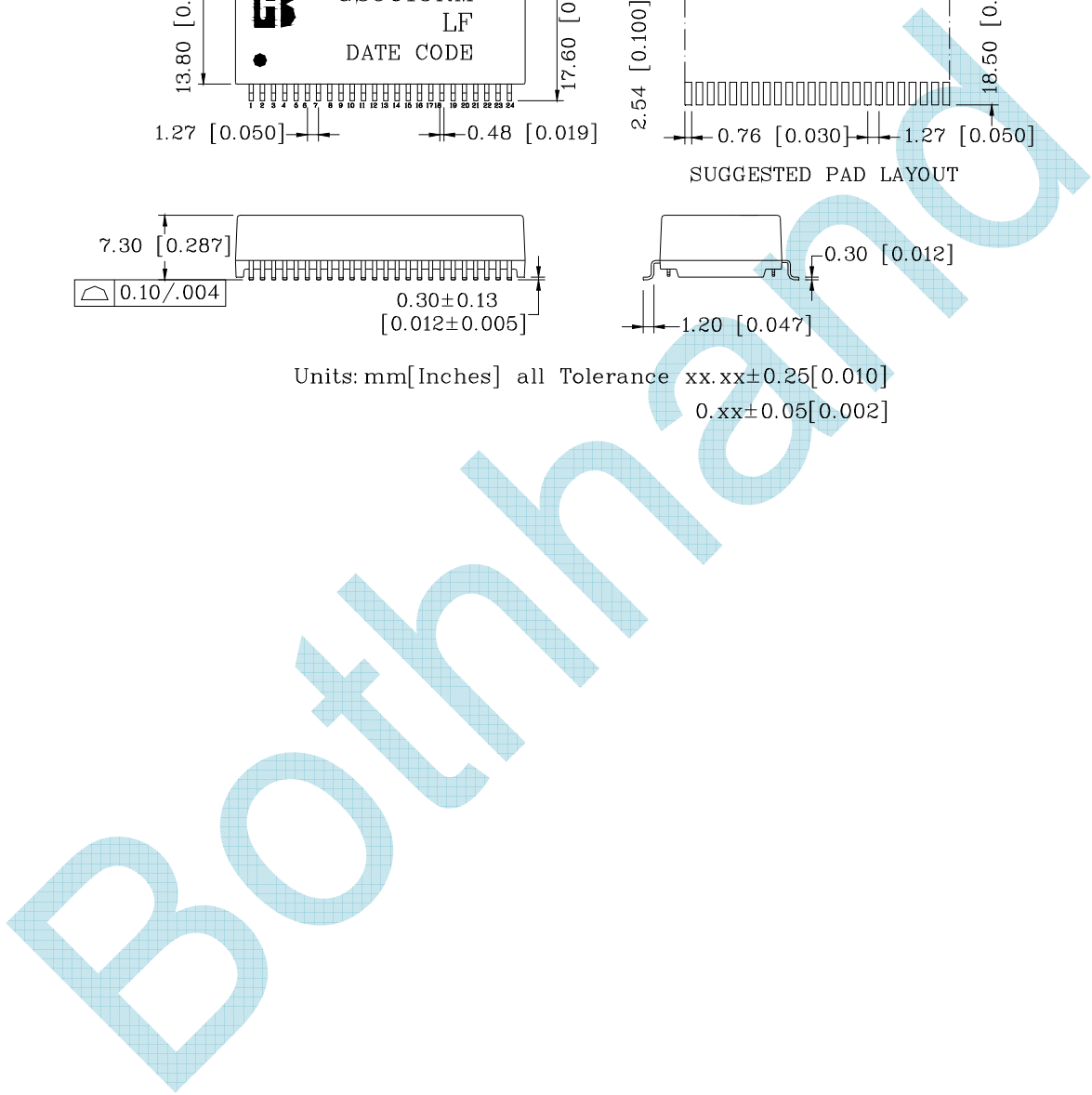
**Schematic**



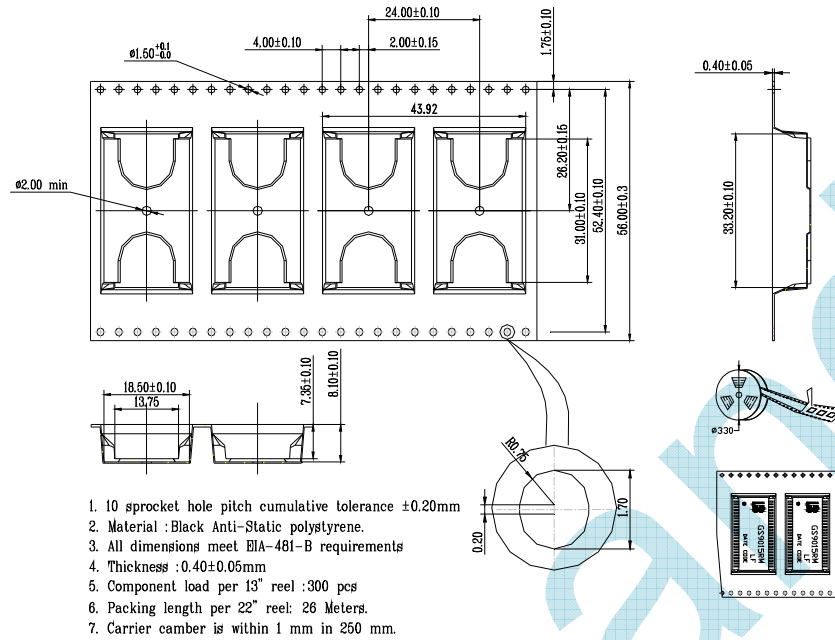
**Mechanical**



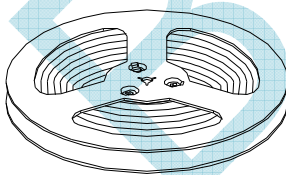
Units: mm[Inches] all Tolerance  $xx.xx \pm 0.25 [0.010]$   
 $0.xx \pm 0.05 [0.002]$



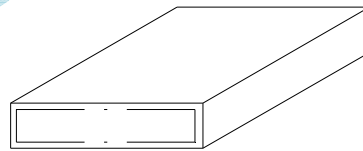
**REEL PACKAGE**



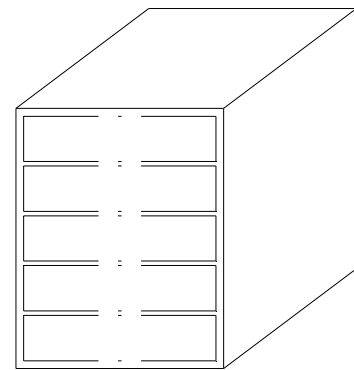
**CARTON PACKAGE**



REEL



INNER BOX: 347x347x82



OUTER CARTON: 375x375x470

1. 1 REEL=300PCS
2. 1 INNER BOX=1 REEL=300PCS
3. 1 OUTER CARTON=5 INNER BOXES=1500PCS