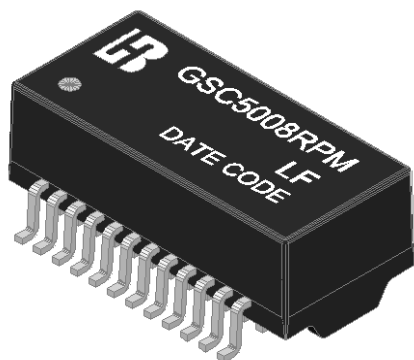


Feature



- Designed for Ethernet 100/1000 BASE-T, full duplex applications.
- IEEE 802.3ab complying performance.
- Cable interface for isolation and low common mode emissions.
- Complying with IEEE 802.3at standard.
- POE applications with 600mA current capability.
- Complying with ROHS & Halogen Free 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 8mA DC Bias	L.L (uH Max)	C _{ww} (pF Max)	DCR (Ω Max)	HI-POT
	TX	RX					
GSC5008RPM LF	1CT:1CT	1CT:1CT	350	0.5	28	1.0	AC1500V/1mA

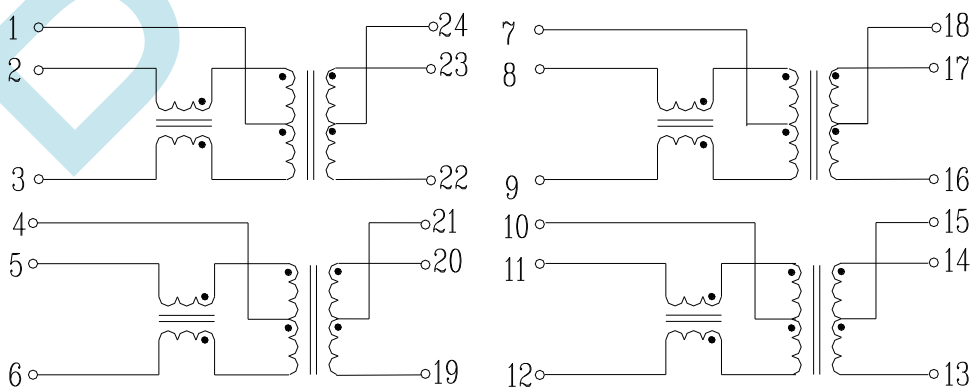
Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)@ Load 100Ω				
	1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz
GSC5008RPM LF	-1.0	-18	-16	-14.08	-12.5	-10

Continue

Part Number	Cross talk (dB Min)			DCMR (dB Min)		
	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
GSC5008RPM LF	-45	-40	-35	-40	-35	-30

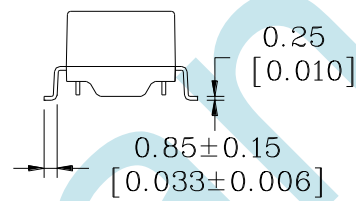
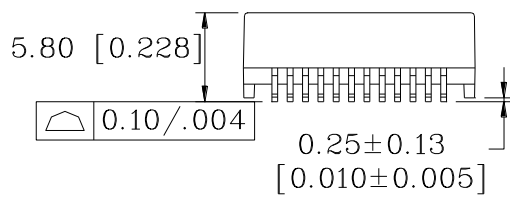
Schematic



15.10 [0.594]
11.00 [0.433]
10.00 [0.394]
7.10 [0.280]
11-1.00 [0.039]
24-0.38 [0.015]

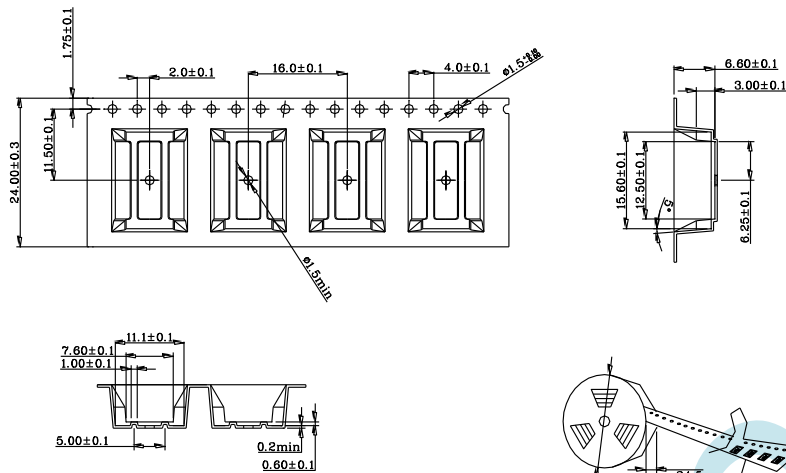
24 23 22 21 20 19 18 17 16 15 14 13
1 2 3 4 5 6 7 8 9 10 11 12

GSC5008RPM
LF
DATE CODE

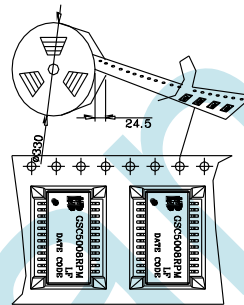


Units: mm[Inches] Tolerances: xx.xx±0.25[0.010]
0.xx±0.05[0.002]

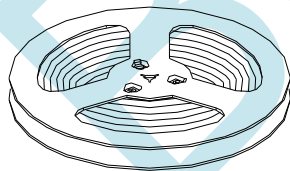
REEL PACKAGE



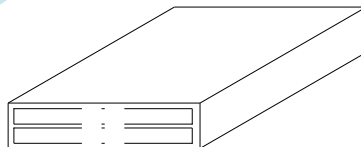
1. 10 sprocket hole pitch cumulative tolerance ± 0.20
2. Material :Black Anti-Static polystyrene.
3. All dimensions meet EIA-481-D requirements
4. Thickness :0.40±0.05
5. Component load per 13" reel :600pcs,
6. Carrier camber is within 1 mm in 250 mm
7. Packing length per 22" reel : 32.5Meters



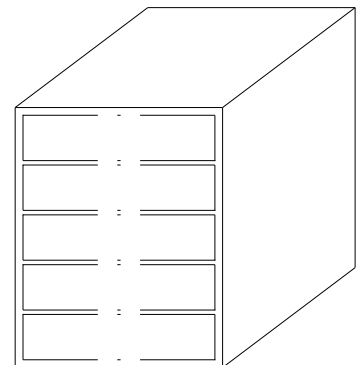
CARTON PACKAGE



REEL



INNER BOX: 347x347x82



OUTER CARTON: 375x375x470

1. 1 Reel=600PCS
2. 1 INNER BOX=2 Reel=1200 PCS
3. 1 OUTER CARTON=5 INNER BOX=5*1200=6000 PCS