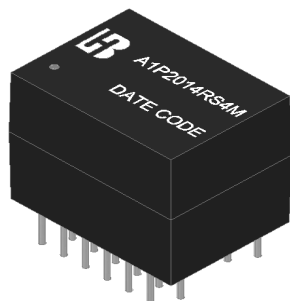


Feature



- Design for 2.5G ethernet application.
- PASS surge 7KV (differential mode) .
- Unsupported POE application.
- 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	L.L (uH Max)	C _{w/w} (pF Max)	DCR (Ω Max)	HI-POT
	TX	RX					
A1P2014RS4M	1CT:1CT	1CT:1CT	180	0.5	28	0.9	AC1500V/1mA

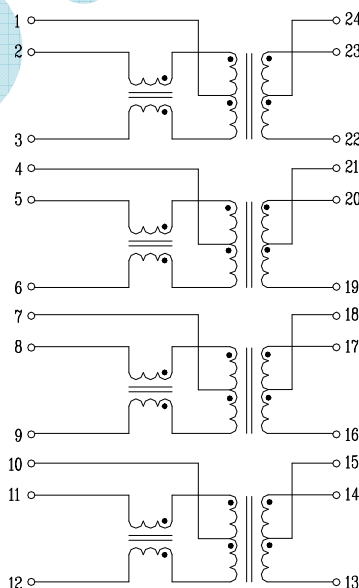
Continue

Part Number	Insertion Loss (dB Max)		Return Loss (dB Min)@ Load 100Ω			
	1-100MHz	125MHz	1-40MHz	60MHz	100MHz	125MHz
A1P2014RS4M	-1.0	-1.5	-16	-14.23	-12.02	-11.05

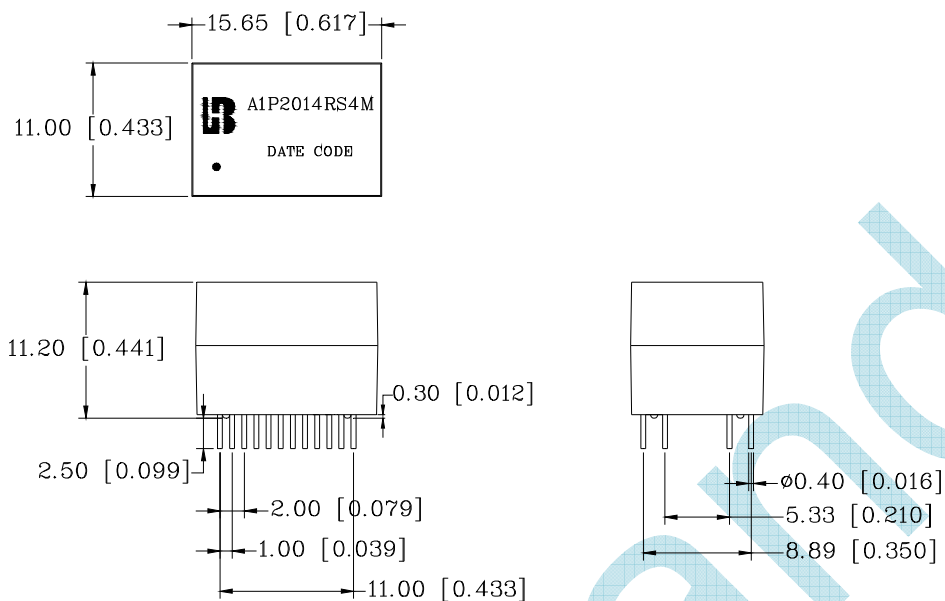
Continue

Part Number	Cross talk (dB Min)				DCMR (dB Min)			
	30MHz	60MHz	100MHz	125MHz	1-30MHz	60MHz	100MHz	125MHz
A1P2014RS4M	-39	-33.89	-30.07	-30	-48	-42.47	-38.22	-36.35

Schematic

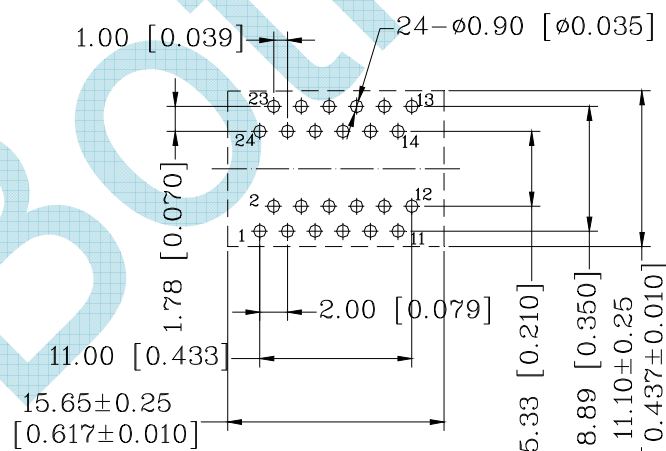


Mechanical



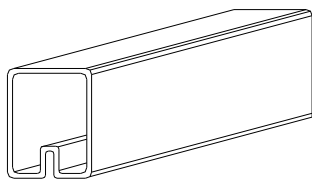
Units: mm[Inches] Tolerances : xx.xx±0.25[0.010]
0.xx±0.05[0.002]

PCB Layout mounting Hole (Top View)

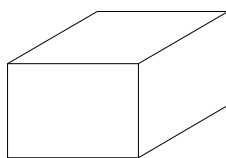


Unless otherwise specified,
all dimension tolerance are: ±0.08[±0.003]

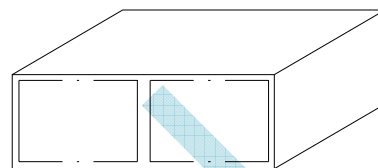
TUBE PACKAGE



TUBE



INNER BOX: 567x135x125



OUTER CARTON: 598x287x150

1. TUBE=32PCS
2. INNER BOX=54 TUBES=1728PCS
3. OUTER CARTON=2 INNER BOXES=3456PCS