

LAN Transformer Module

LAN-12M162_S-Series

1. Features

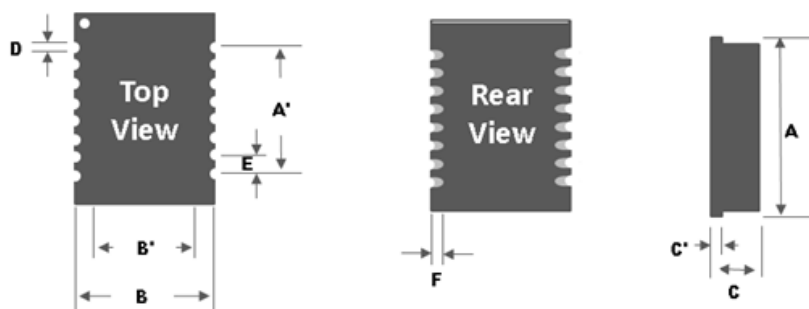
- ◆ 10/100 Ethernet application
- ◆ IEC 61000-4-5 10/700us 4KV (CM)
- ◆ IEC 61000-4-5 10/700us 2KV (DM)
- ◆ Small form factor



2. Applications

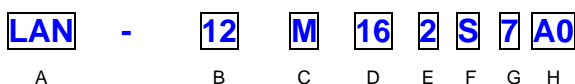
10/100 Base-T, Single Port

3. Dimensions



Series	A(mm)	A'(mm)	B(mm)	B'(mm)	C(mm)	C'(mm)	D(mm)	E(mm)	F(mm)
LAN-12M162S7A0	12.7±0.1	8.87±0.1	9.0±0.1	7.2±0.1	4.0±0.1	0.8±0.1	0.4±0.1	1.27±0.1	0.3±0.1
LAN-12M162S7A8	12.7±0.1	8.87±0.1	9.0±0.1	7.2±0.1	4.0±0.1	0.8±0.1	0.6±0.1	1.27±0.1	0.3±0.1

4. Part Numbering



A: Series C: Application E: Center tab G:Pitch
 B: Long D: Pin F: Design H: Special

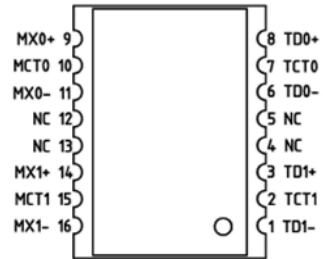
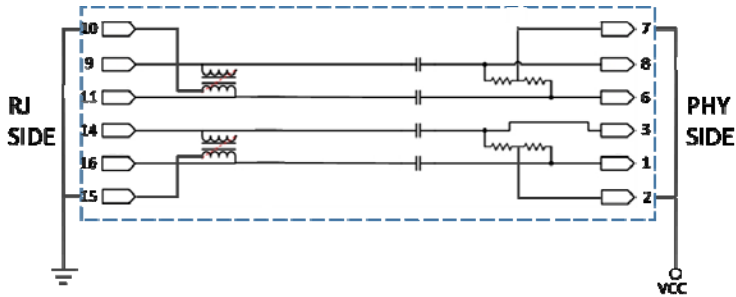
5. Specification

Part Number	Insertion Loss (dB Max)	Return Loss (dB min)			DCMR(dB Min)		
		1~100Mhz	30Mhz	60Mhz	100Mhz	30Mhz	60Mhz
LAN-12M162S7A0	-1	-20	-15	-10	-25	-25	-25
LAN-12M162S7A8	-1	-20	-15	-10	-25	-25	-25

Note: All test data referenced to 25°C ambient

6. Schematic and Pin Define

LAN-12M162S7A0



LAN-12M162S7A8

