

LAN Transformer Module	LAN-16G241S1A8
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1. Features

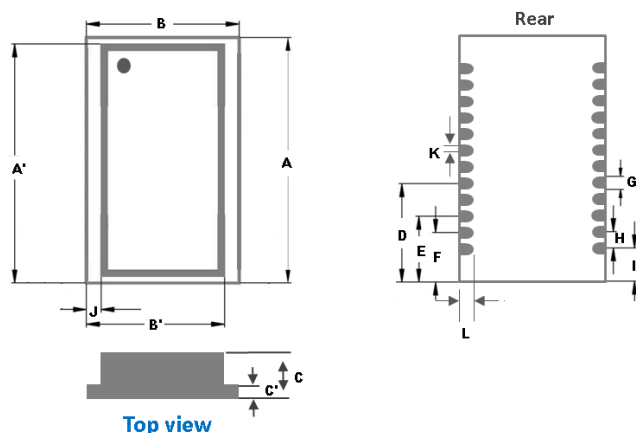
- ◆ Gigabit Ethernet application
- ◆ IEC 61000-4-5 10/700us 4KV (CM)
- ◆ IEC 61000-4-5 10/700us 1KV (DM)
- ◆ Small form factor



2. Applications

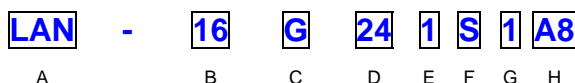
1. 1000 Base-T, Single Port, Low profile Modules w/Surge Protection
2. Notebook pc LAN Transformer Module
3. Hub switch, Ap router Multi-port LAN Transformer.

3. Dimensions



Series	units: mm	A	A'	B	B'	C	C'	D	E	F	G	H	I	J	K	L
LAN-16G241S1A8		16.5	15.99	10.0	9.5	4.15	0.8	6.75	4.75	3.75	0.4	1.0	2.75	0.65	0.2	0.3

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	100Mhz
LAN-16G241S1A8	-1	-20	-15	-10	-25	-25	-25

Note: All test data referenced to 25°C ambient

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6. Schematic and Pin Define

