

## Excellent Integrated System Limited

Stocking Distributor

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[Sumida Corporation](#)  
[ESMIT-4164](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



**MODEM Transformer< SMD Type: CBM Series>**

**Type: CBM4D19**

**Product Description**

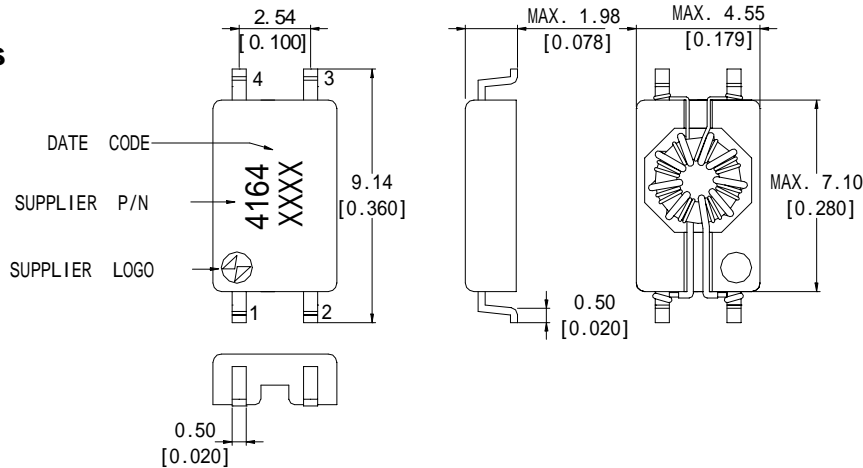
- 7.1 × 4.55mm Max.(L × W),1.98mm Max. Height.
- Operating frequency: 4MHz Max.



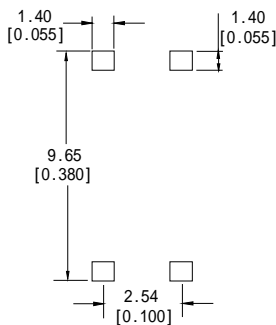
**Feature**

- Digital TV's Modem transformer.
- International Safety Standard EN60950/BABT/UV acquired
- Ideally used for the V.92(56kbps) Digital isolation Barrier for Conexant Smart DAA™.
- RoHS Compliance.

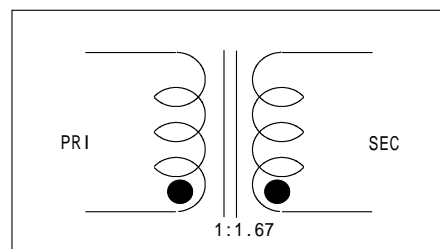
**Dimensions (mm)**



**Land Pattern (mm)**



**Schematics(Bottom)**



**Specification(Part Number:ESMIT-4164)**

Electrical Parameters	MIN.	TYP.	MAX.	UNITS
Inductance of Primary(1-2),Ls(Secondary OPEN @10kHz,100mV AC Osc.)	30	—	—	μH
TURNS RATIO (1-2):(4-3)	—	1:1.67	—	N/A
DC Resistance of Primary @25 (1-2),R <sub>DCPRI</sub>	—	—	0.250	
DC Resistance of Secondary @25 (4-3),R <sub>DCSEC</sub>	—	—	0.325	
Dielectric Rating Between Terminals (1,2):(3,4)	2000V AC for 1 Second			