

● FEATURES 特性

- 1. Excellent ferrite magnetic shielding, low distributed capacitance;
- 2. Semienclosed magnetic circuit design reduces leakage flux and high accuracy in current.
- 3. Modular design and Surface Mount Device (SMD) structure, meet AEC-Q200 reliability standard;
- 4. Operating Temp. : -40°C~+125°C (Including self-heating).

● APPLICATIONS 用途

- 1. Automotive electronics communication module, single port design, can be multiple overlay;
- 2. Widely used charging stations, power supplies, photovoltaics, energy storage, inverters, and smart meters.
- 3. We can customize products according to your requirements. Please consult our sales.

● PART NUMBERING SYSTEM 品名系统 ACST 0809 - □□□ Serial code Size code Series Name

● SHAPES AND DIMENSIONS 外形尺寸 (Unit:mm)

TYPE(型号)	Α	В	С	D	F	F	Н
ACST0809 系列	7.5Max	8.5Max	8.0Max	4.4±0.3	3.1±0.3	0.5*0.4	0.15 Max

ELECTRICAL CHARACTERS

Item	L(4-3) mH Min	TURN RATIO Pri:Sec	Sensed Current Iin(A)	DCR(1-2) mΩ Max	DCR(4-3) Ω Max	Isolation (V AC)
1H50	0.55	1:50	20	2.0	1.2	1500
1H70	1.00	1:70	20	2.0	2.3	1500
1H100	2.20	1:100	20	2.0	5.2	1500
1H125	3.30	1:125	20	2.0	8.3	1500
1H200	8.80	1:200	20	2.0	25.0	1500