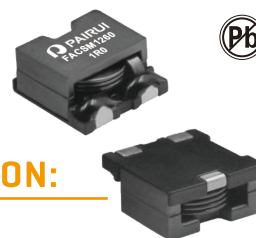


HIGH CURRENT POWER INDUCTOR FACSCM1260,1265 SERIES



FEATURES:

- Assemblage design, sturdy structure
- High inductance, high current, low magnetic loss
- low E SR, small parasitic capacitance
- Small volume, high current, low magnetic loss, low E SR
- small parasitic capacitance
- Temperature rise current and saturation current
- is less influenced by environment
- Operating temperature: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- [Including coils temperature rise]

PRODUCT IDENTIFICATION:

$$\frac{CSCM}{a} \frac{1260}{b} - \frac{2R2}{c} \frac{M}{d}$$

a:Series name

b:Product dimensions

c:Inductance Value[1R0:1.0uH;100;10uH;101:100uH]

d:Inductance Tolerance[K:10%;M:20%;N:30%]

ELECTRICAL CHARACTERISTICS

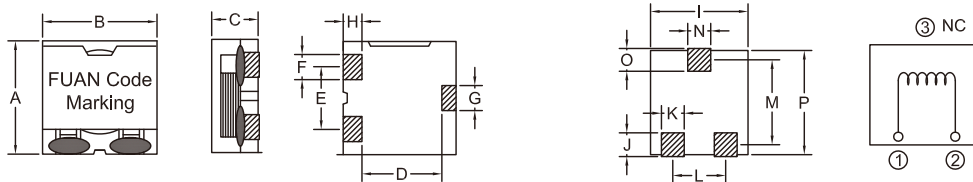
[illegible]

TEST CONDITIONS

1. All data is tested based on 25°C ambient temperature.
2. Inductance measure condition at 100kHz, 0.1V.
3. Saturation current : the actual value of DC current when the inductance decrease 20% of its initial value.
4. Temperature rise current : the actual value of DC current when the temperature rise is $\Delta T 40$ [Ta=25°C].
5. Special remind : C circuit design, component placement, PWB size and thickness, cooling system and etc. all will affect the product temperature. Please verify the product temperature in the final application.

TECHNICAL INFORMATION

ELECTRICAL SCHEMATIC & PAD LAYOUT



DIMENSIONS:MM

Part number	A	B	C	D	E	F	G	H	I	J
FACSCSM1260	13.5 Max	12.5±0.4	6.0±0.3	9.0 REF	6.9 REF	2.0-2.6	2.6 REF	2.0 REF	12.9 REF	3.0 REF
FACSCSM1265	13.5 Max	12.5±0.4	6.5 Max	9.0 REF	6.9 REF	2.0-2.6	2.6 REF	2.0 REF	12.9 REF	3.0 REF

Part number	K	L	M	N	O	P				
FACSCSM1260	3.0 REF	6.9 REF	11.1 REF	3.0 REF	2.8 REF	13.5 REF				
FACSCSM1265	3.0 REF	6.9 REF	11.1 REF	3.0 REF	2.8 REF	13.5 REF				