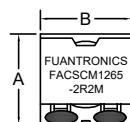


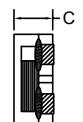
P/N: FACSCM1265-2R2M

RoHS

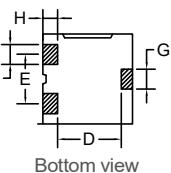
### Outline Dimensions(Unit:mm)



Top view



Side view

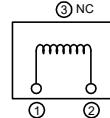


Bottom view

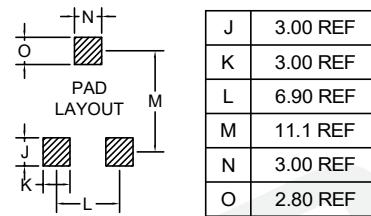


Marking

### Electronical Schematic



### Suggested Pad layout



\*\*\*Magnetic shielded structure: excellent resistance to electro magnetic interferenc(EMI).

\*\*\*Assemblage design, sturdy structure.

\*\*\*Small volume, high current, low magnetic loss, low ESR, small parasitic capacitance.

\*\*\*Temperature rise current and saturation current is less influenced by environment.

### Electrical Characteristics(@25°C)

Inductance 100KHz,0.1V	DC Resistor	Saturated current 22A	Temperature rise current 15.5A
2.20uH±20%	3.40mΩ Max	L(22A)=80%*L0A Typ	T≤40°C Typ

\*\*\*Saturation current: the actual value of DC current when the inductance decrease 20% of its initial value.

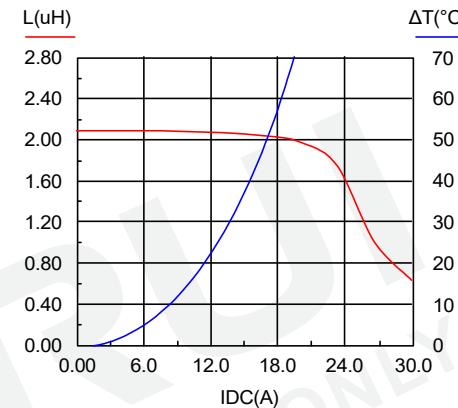
\*\*\*Temperature rise current: the actual value of DC current when the temperature rise is ΔT40°C(Ta=25°C).

\*\*\*Operating Temperature: -40°C~+125°C.  
(Temperature rise included)

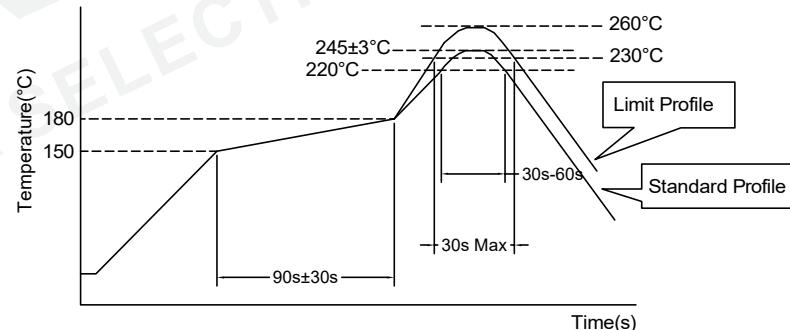
\*\*\*Storage Temperature: -40°C~+125°C.

\*\*\*Storage Humidity:RH10%~70%.

### Saturation current VS temperature rise current curve:



### Recommended Soldering Temperature Graph.



	Standard Profile	Standard Profile
Pre-heating	150~180°C,90s±30s	
Heating	above 220°C,30s-60s	above 240°C,30s Max
Peak temperature	245°C±3°C	260°C,10s
Cycle of reflow	2 times	2 times

				Tianchang Fuan Electronic Co Ltd www.fuantronics.net TEL: +86-550-7814888 FAX:+86-550-7831133	 Tolerances unless otherwise specified: (.X)±0.50    (.XX)±0.25 Unit of measurement: mm	Make: Qiumei.Liu  Checked: Beson. zhan  Approved: Anson. zhan	<b>DRAWING TITLE</b> HIGH CURRENT POWER INDUCTORS	Customer Name:
REV	DESCRIPTION	APPD	DATE					Document/Rev: 00 Specification Sheet: 1 of 1 Material Number: A341265XS190 Date of Recognition: Jan./02/2020