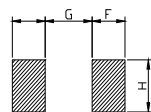


CND-tek
磁联达

Temperature rise current(Irms):the actual value of DC current when the temperature rise is $\Delta T \leq 40^\circ\text{C}$ ($T_a = 25^\circ\text{C}$) . Operating temperature range: $-40^\circ\text{C} \sim +125^\circ\text{C}$ (Including self-heating).
Storage temperature range: $-55^\circ\text{C} \sim +125^\circ\text{C}$ (on board)



Part Number	Impedance (μ H)	DC Resistance (m Ω) max.	Saturation current (Isat)	Temperature rise current (Irms)	
			(A)Typ.	(A)Typ.	
JS0503C-5R6M-R	5.6 $\pm$ 20%	63.0	4.5	4.25	



Recommended Layout

Electrode Coplanarity:0.1mm Max.

POSITION	A	B	C	D	E	F	G	H
DIMENSION	5.7±0.3	5.2±0.3	2.8Max.	2.5±0.2	1.1±0.3	1.9	2.2	2.7

ITEM	W	A0	B0	K0	K1	P	F	E	D0	D1	P0	P2	T
DIM	16.0	4.5	5.0	3.2	0.00	12	7.5	1.75	1.50	1.50	4.00	2.00	0.40
	+0.3	+0.1	+0.1	+0.1	+0.0	+0.1	+0.1	+0.1	+0.1	+0.0	+0.1	+0.1	+0.1
	-0.3	-0.1	-0.1	-0.1	-0.0	-0.1	-0.1	-0.1	-0.1	-0.0	-0.1	-0.1	-0.1

Quantity(pcs):
2000 PCS PER REEL
3REELS PER CARTON
6000PCS PER CARTON

Dimensions in mm