



ELECTRICAL CHARACTERISTICS : LEAD-FREE & ROHS COMPLIANCE

PART NO.	INDUCTANCE at 50MHz (nH)	TEST FREQUENCY (MHZ)	Rdc Max	I _{rms} (A)	I _{sat} (A)	SRF (MHZ) TYP	Q FREQ MIN (KHz)	COLOR CODING		
								1 st	2 nd	3 rd
								SDS0402BL-101 □ -N	100	>10
SDS0402BL-151 □ -N	150	>10	100KHz	10	1.4	200	BRN	GRN	YEL	
SDS0402BL-221 □ -N	220	>10	100KHz	8	1.7	180	RED	RED	YEL	
SDS0402BL-331 □ -N	330	>10	100KHz	6	2.2	160	ORN	ORN	YEL	
SDS0402BL-471 □ -N	470	>10	100KHz	5	3.8	140	YEL	VIO	YEL	
SDS0402BL-681 □ -N	680	>10	100KHz	4	4.9	120	BLU	GRY	YEL	
SDS0402BL-102 □ -N	1000	>10	100KHz	2	9	100	BRN	BLK	GRN	
SDS0402BL-152 □ -N	1500	>10	100KHz	1	11	80	BRN	GRN	GRN	
SDS0402BL-222 □ -N	2200	>10	100KHz	1	19	50	RED	RED	GRN	
SDS0402BL-332 □ -N	3300	>10	100KHz	1	24	40	ORN	ORN	GRN	
SDS0402BL-472 □ -N	4700	>10	100KHz	1	30	30	YEL	VIO	GRN	
SDS0402BL-682 □ -N	6800	>10	100KHz	0.9	56	20	BLU	GRY	GRN	
SDS0402BL-103 □ -N	10000	>10	100KHz	0.8	74	10	BRN	BLK	BLU	

NOTE : □ -tolerance M=±20%

1. Operating temperature range -40°C~85°C

2. Inductance Test OSC @ 0.1V

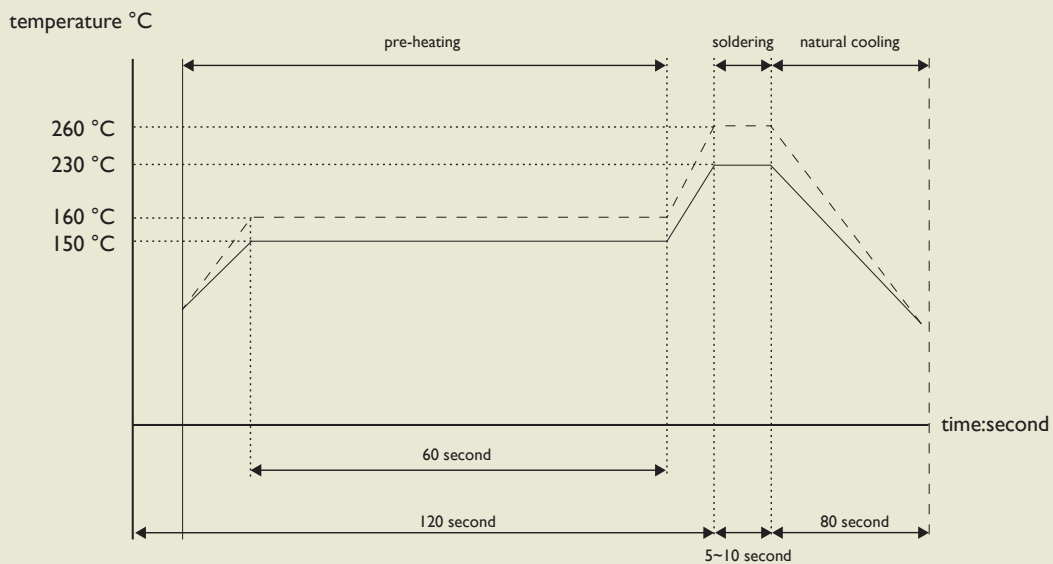
3. Insulation core-winding Test OSC @ 500mV

4. 30°C rise typ.at Irms.

"-N"FOR COMPLETELY LEAD FREE TYPE(INCLUDING FERRITE BODY & SOLDER)

RECOMMEND SOLDERING CONDITIONS

for:CL/ CLH/ SQV/ SMD power inductors/ SMD Chip Beads/ SMD Filters, Transformers, Current Sensors



for: lead solder

for: lead-free solder