

# MOLDED WIREWOUND CHIP INDUCTORS

**SERIE:** HTW453232 4,5 x 3,2 x 3,2 mm

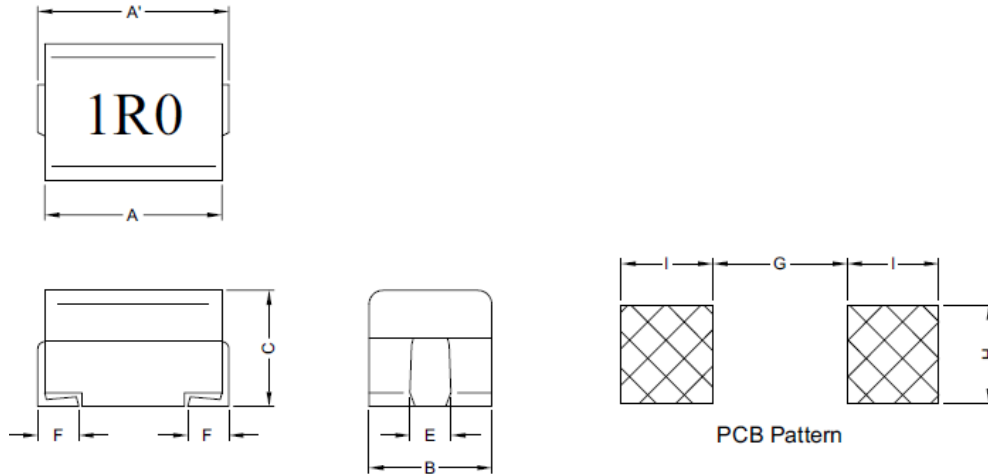


## DIMENSIONS:

VPE: 500pcs.



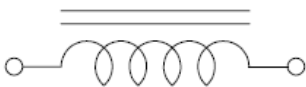
RoHS Compliant



Unit: mm

A'	A	B	C	E	F	G	H	I
4,5 ± 0,3	4,2 ± 0,2	3,2 ± 0,2	3,2 ± 0,2	1,2 ± 0,3	1,0 ± 0,2	2,2 Ref.	1,6 Ref.	1,5 Ref.

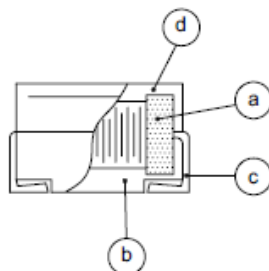
## SCHEMATIC:



## GENERAL SPECIFICATION :

- 1- Temp. rise: 20°C Max.
- 2- Ambiente temp. 100°C Max.
- 2- Rated current: current cause inductance drop within 10%
- 3- Operating temp.: -40°C to + 125°C
- 4- Storage temp.: -40°C to + 125°C
- 5- Resistance to solder heat : 260°C 10sec.

## Materials :



- (a) Core : DR Ferrite Core
- (b) Wire : Enamelled Copper Wire
- (c) Terminal : Tinned Copper Plate
- (d) Capsulate : Epoxy Novolac Molding Compound

*NOTE : Specifications subject to change without notice. Please check our website for latest information*

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## ELECTRICAL CHARACTERISTICS:

Part No.	Inductance ( $\mu$ H)	Q Min.	Test Frequency (MHz.)	SRF (MHz.) Typ.	Rdc ( $\Omega$ )	Irms (mA)
HTW453232 - 1R0SWE□	1,00	10	7,96	180	0,110	1050
HTW453232 - 1R2SWE□	1,20	10	7,96	160	0,120	1000
HTW453232 - 1R5SWE□	1,50	10	7,96	130	0,150	950
HTW453232 - 1R8SWE□	1,80	10	7,96	130	0,160	900
HTW453232 - 2R2SWE□	2,20	10	7,96	100	0,180	850
HTW453232 - 2R7SWE□	2,70	10	7,96	80	0,200	800
HTW453232 - 3R3SWE□	3,30	10	7,96	60	0,220	750
HTW453232 - 3R9SWE□	3,90	10	7,96	45	0,240	700
HTW453232 - 4R7SWE□	4,70	10	7,96	40	0,270	650
HTW453232 - 5R6SWE□	5,60	10	7,96	35	0,300	650
HTW453232 - 6R8SWE□	6,80	10	7,96	30	0,350	600
HTW453232 - 8R2SWE□	8,20	10	7,96	28	0,400	600
HTW453232 - 100SWE□	10	20	2,52	25	0,500	550
HTW453232 - 120SWE□	12	20	2,52	21	0,600	500
HTW453232 - 150SWE□	15	20	2,52	20	0,700	450
HTW453232 - 180SWE□	18	20	2,52	19	0,800	400
HTW453232 - 220SWE□	22	20	2,52	18	0,900	370
HTW453232 - 270SWE□	27	20	2,52	16	1,200	330
HTW453232 - 330SWE□	33	20	2,52	14	1,400	300
HTW453232 - 390SWE□	39	20	2,52	12	1,600	280
HTW453232 - 470SWE□	47	20	2,52	11,5	1,900	260
HTW453232 - 560SWE□	56	20	2,52	11	2,200	240
HTW453232 - 680SWE□	68	20	2,52	10	2,600	220
HTW453232 - 820SWE□	82	20	2,52	9	3,500	200
HTW453232 - 101SWE□	100	20	0,796	8	4,000	180
HTW453232 - 121SWE□	120	20	0,796	7,5	4,500	160
HTW453232 - 151SWE□	150	20	0,796	7	6,500	140

□ : K :  $\pm$  10%  
M :  $\pm$  20%

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Part No.	Inductance ( $\mu\text{H}$ )	Q Min.	Test Frequency (MHz.)	SRF (MHz.) Typ.	Rdc ( $\Omega$ )	Irms (mA)
HTW453232 - 181SWE□	180	20	0,796	6,5	7,500	120
HTW453232 - 221SWE□	220	20	0,796	5,5	9,000	120
HTW453232 - 271SWE□	270	20	0,796	5	11,000	100
HTW453232 - 331SWE□	330	20	0,796	4	13,000	90
HTW453232 - 391SWE□	390	30	0,796	3	13,500	85
HTW453232 - 471SWE□	470	30	0,796	3	15,000	75
HTW453232 - 561SWE□	560	30	0,796	3	17,000	70
HTW453232 - 681SWE□	680	30	0,796	2,5	22,800	65

□ : K :  $\pm$  10%  
M :  $\pm$  20%

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