

# DSRI-12X5 INDUCTORS

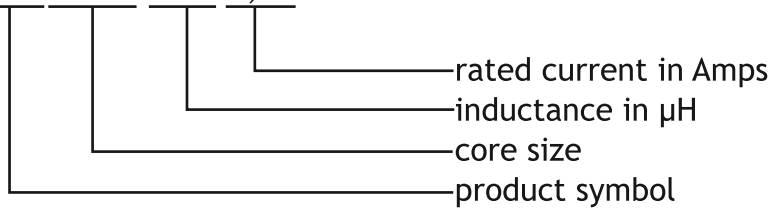


### APPLICATIONS:

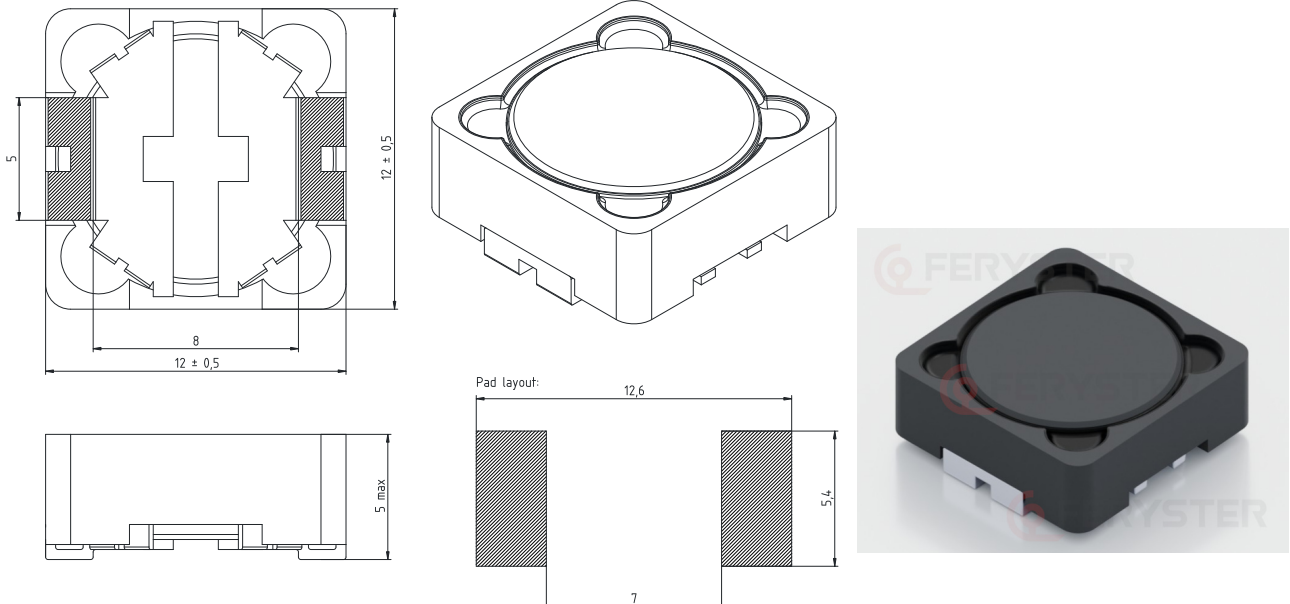
- modern power solutions
- AI devices
- DC/DC converters, etc.
- various categories of consumer electronics

### ORDERING CODE:

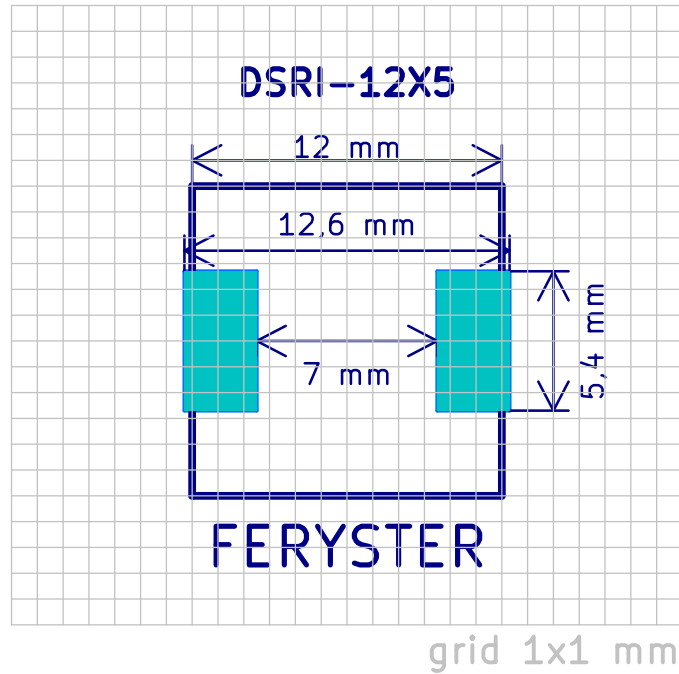
DSRI-12X5 / 10 / 4,5



### DIMENSIONS (mm):



**FOOTPRINTS:**



**PROPERTIES:**

Part number	$L_{nom}$ [ $\mu$ H]	$I_{nom}$ [A]	RDC [ $m\Omega$ ]	$\Delta T @ I_{nom}$ [ $^{\circ}$ C]*
DSRI-12X5/10/4,5	10	4,5	35	30
DSRI-12X5/15/4	15	4,0	50	40
DSRI-12X5/22/3,5	22	3,5	60	40
DSRI-12X5/33/2,7	33	2,7	97	40
DSRI-12X5/47/2,1	47	2,1	150	40
DSRI-12X5/68/1,75	68	1,75	220	40
DSRI-12X5/100/1,5	100	1,5	280	26

\* winding losses only.

- Inductance tolerance:  $\pm 20\%$
- LCR meter  $f=10\text{kHz}/0,3\text{V}$
- RDC Cu wire resistance:  $\pm 20\%$