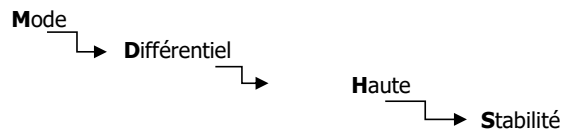


## SERIE SELF MDHS - VERTICALE

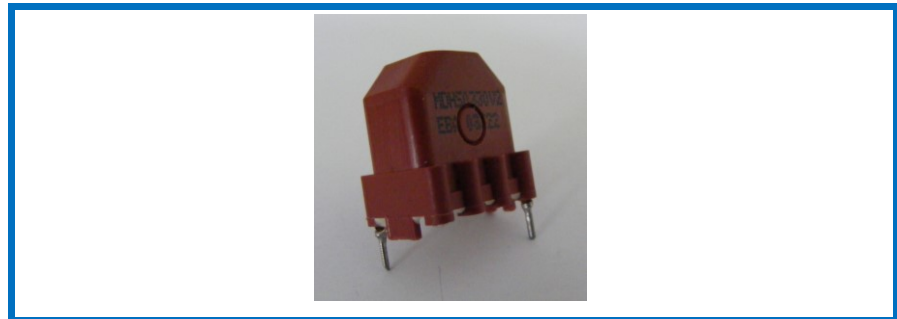


### CARACTERISTIQUES :

The MDHS series chokes have been designed to guarantee a stable inductance at no-load or at full load for maximum energy storage. They are ideal for switching power supplies and for use as smoothing chokes. Stable inductors are very well suited to filtering high frequency signals with a strong superimposed direct current.

### CONSTRUCTION :

In the case, the wound toroid is entirely covered with a polyurethane resin which ensures its maintenance and protection. Housing and resin are UL94-V0.



### SPECIFICATIONS ELECTRIQUES A 25°C :

Idc A	Lv(μH) +/- 10% à vide (1)	Lc(μh) +/- 10% à Idc	DCR (mΩ) maxi	REFERENCE
0.50	1100	1000	2.4	<b>MDHS1000V(x)</b>
0.75	958	820	2.3	<b>MDHS0820V(x)</b>
0.85	801	680	1.3	<b>MDHS0680V(x)</b>
0.90	536	470	1.1	<b>MDHS0470V(x)</b>
1.00	373	330	0.74	<b>MDHS0330V(x)</b>
1.50	256	220	0.42	<b>MDHS0220V(x)</b>
1.70	175	150	0.36	<b>MDHS0150V(x)</b>

(1) Measuring conditions : 1KHz et 100mV

(x) number of picot 2 or 4

### Environnement :

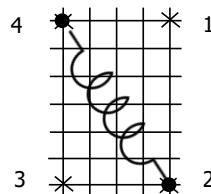
Température d'utilisation: -40°C +85°C

Température de stockage: -55°C +125°C

### SCHEMA ELECTRIQUE :



### IMPLEMENTATION GRID VERTICAL



● Version 2  
pins

X Version  
4 pins

Plot side view (Grid in step 2,5 mm).

### Overall dimensions :

<b>12,8</b>	Larg (mm)	<b>17</b>
<b>17,8</b>	Long (mm)	<b>17,5</b>
<b>20</b>	Haut (mm)	<b>12,5</b>

### Pin :

Material : tinned bronze

Tickness : 0,9x0,6

Height : 3,5 mm +/- 0,3

Code commande :	MDHS	XXXX	V	2 ou 4
	Model	Inductance	Case	Number of picot